

Student Name _____

Teacher Name _____

School _____

System _____



Tennessee Comprehensive Assessment Program
Modified Academic Achievement Standards ~ Grade 4
Item Sampler
Version B



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Introduction

What is the TCAP Modified Academic Achievement Standards Test?

The TCAP Modified Academic Achievement Standards Test is a multiple-choice test designed to measure student achievement in certain skills in four content areas: Reading/Language Arts, Mathematics, Science, and Social Studies. The sample questions in this on-line Item Sampler are representative of the item types and item formats that will be used in the actual test, including those questions with and without art.

What are the questions testing?

Questions are written to test student performance in state content standards. The State Content Standards and Performance Indicators were developed by the Tennessee Department of Education. These Standards and Performance Indicators are listed on the State Department of Education Web site at <http://www.state.tn.us/education/curriculum.shtml>.

Who is eligible to be tested?

1. Students with a disability who are on an active IEP are eligible to take the MAAS.
2. Eligible students may have a disability in any of the Federal disability categories.
Note: The category Functionally Delayed is a State category, but a student cannot be excluded from participation in this assessment based on category of disability. A student whose disability is classified as Functionally Delayed is eligible to participate in this assessment if determined eligible by the IEP team, but the student will be considered a non-participant and his scores cannot be counted for AYP. **A student classified as Functionally Delayed taking the test would not count toward the 2% cap because he is considered a non-participant.**
3. It is the decision of the IEP team whether or not a student with a disability should be assessed with the MAAS.

How long will the tests take?

The length of the tests will vary, depending on the grade level. The time limits are generous and allow most students time to finish. Extended time limits only apply to students who are eligible for special or English Language Learner (ELL) accommodations.

How do I use the sample questions?

These questions provide information about the TCAP Modified Academic Achievement Standards Test. The questions in the on-line Item Sampler are representative of questions that will be on the TCAP Modified Academic Achievement Standards Test.

In a classroom learning session, these questions can be used to prepare students for the actual test. Item types with and without art are presented to better familiarize students with the actual test format.

An answer key for the sample questions is provided at the end of this on-line Item Sampler.

How will the tests be scored?

The test answers will be machine scored. Results from the test provide information about how well students performed on the content being tested.

May calculators be used?

Calculators may be used on Part 1 and 2 of the mathematics portions of the TCAP Modified Academic Achievement Standards Test (grades 3–8) as per system policy.

Which test accommodations may be used?

The Modified Academic Achievement Standards Test may be administered using various procedures that are used during the student's daily educational program. Certain conditions must be met for students to be eligible for special and ELL accommodations.

Here are some tips for preparing students for the test.

Remind students to:

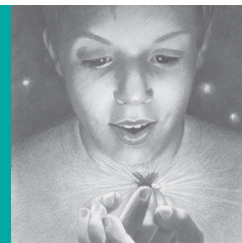
Relax: It is normal to be somewhat anxious before the test. Remember that the score is only one of a number of measures of performance.

Listen: Listen to and read the test directions carefully.

Plan Use of Time: First, answer all the questions you are sure about. Do not spend too much time on any one question. If a question seems to take too long, skip it and return to it later if you have extra time.

Pause and Think: If you are not sure how to answer a question, carefully read it again. Rule out answer choices that you know are incorrect and then choose from those that remain.

Reading/Language Arts



Directions Ashley wrote this story about her perfect day. It contains mistakes. Read the story and answer Numbers 1 through 9.

Time with Dad

(1) Yesterday my dad asked me if I wanted to go fishing. (2) I had never been on a fishing trip before. (3) We decided to go to Possum Lake.

(4) We loaded our old canoe and paddls on the top of the car. (5) Then we gathering our fishing gear. (6) While riding in the car Dad described the first time he caught a fish. (7) I laughed when he told myself that he fell out of the boat!

(8) As soon as we arrived at the lake, we unpacked our gear and put on our life jackets. (9) We pushed the canoe to the edge of the water and climbed in it carefully. (10) Favorite fishing spot.

(11) First, Dad showed me how to put the bait onto my fishhook. (12) He showed me how to throw the fishing line into the water. (13) I practiced casting line many times before I actually started fishing.

(14) I caught a large sunfish! (15) Dad showed me how to gently take the fish off the hook. (16) Then we placed it back into the water. (17) Dad said that it is important for some fish to stay in the lake.

(18) It was a perfect day with Dad, and I cannot wait to have another!

Go On ►

Reporting Category: 1 Language

Performance Indicator: 0401.1.1 Identify the correct use of nouns (i.e., common and proper, plurals, possessives) and pronouns (i.e., subject, object, and agreement) within context.

1 Read Sentence 7.

I laughed when he told myself that he fell out of the boat!

Choose the pronoun that should replace the underlined word.

- A** me
- B** us
- C** you

Reporting Category: 1 Language

Performance Indicator: 0401.1.2 Identify the correct use of verbs (i.e., agreement, tenses, action and linking) within context.

2 Read Sentence 5.

Then we gathering our fishing gear.

Choose the correct way to write the underlined word.

- F** gathers
- G** gathered
- H** correct as is

3 Read Sentence 10.

Favorite fishing spot.

Choose the correct way to rewrite this incomplete sentence.

- A** Paddling to Dad's favorite fishing spot.
- B** Dad paddled us to his favorite fishing spot.
- C** To paddle to Dad's favorite fishing spot.

Go On ►

Performance Indicator: 0401.1.6 Identify the correct use of commas (i.e., series, dates, addresses, friendly letters, introductory words, compound sentences) within context.

4 Read Sentence 6.

While riding in the car Dad described the first time he caught a fish.

Which sentence uses a comma correctly?

- F** While riding in the car Dad described, the first time he caught a fish.
- G** While riding, in the car Dad described the first time he caught a fish.
- H** While riding in the car, Dad described the first time he caught a fish.

Reporting Category: 1 Language

Performance Indicator: 0401.1.9 Choose the correct formation of plurals, contractions, and possessives within context.

5 Read Sentence 4.

We loaded our old canoe and paddls on the top of the car.

What is the correct way to write the underlined word?

- A** paddles
- B** paddlses
- C** paddlees

Reporting Category: 1 Language

Performance Indicator: 0401.1.15 Identify grade level compound words, contractions, and common abbreviations within context.

6 Choose the compound word from the story.

- F** pushed
- G** fishhook
- H** perfect

Go On ►

7 Read this paragraph from the story.

I caught a large sunfish! Dad showed me how to gently take the fish off the hook. Then we placed it back into the water. Dad said that it is important for some fish to stay in the lake.

Which topic sentence would be best to add to the beginning of the paragraph?

- A** After a long time, I finally felt a tug on my fishing line.
- B** When Dad was my age, he went fishing many times.
- C** Fishing is a lot of fun, especially on a beautiful day.

Reporting Category:

3 Writing and Research

Performance Indicator:

0401.3.8 Select appropriate time-order or transitional words to enhance the flow of a writing sample.

8 Read Sentences 11 and 12.

First, Dad showed me how to put the bait onto my fishhook.
_____, he showed me how to throw the fishing line into the water.

Choose the word that best fills in the blank.

- F** Still
- G** But
- H** Then

Reporting Category:

3 Writing and Research

Performance Indicator:

0401.3.9 Select an appropriate title that reflects the topic of a written selection.

9 Ashley wants to give her story a new title. Choose the best title.

- A** The Sport of Fishing
- B** Looking for My Sunfish
- C** My First Fishing Trip

Go On ►

Directions

Sonia wrote this entry in her journal. It contains mistakes.
Read the journal entry and answer Numbers 10 through 17.

Friday, April 20, 2012

(1) Tonight's concert was perfect! (2) I was afraid that I would make mistakes playing my flute, but I didn't! (3) I did exactly what my music teacher told me to do. (4) I performed really well, and I am proud of myself!

(5) I was scared when my music teacher, Mr. Davis, said that the band perform every year in front of the whole school. (6) He assigned the flute players a special part of a song to play all by ourselves. (7) I began to worry that the audience would laugh at me.

(8) I was nervous because I was having a difficult time playing a C-sharp note. (9) No matter how much I practiced, the high note always.

(10) I spoke to Mr. Davis about my problem. (11) Do you know what he does when he feels nervous? (12) First, he breathes deeply and relaxes his entire body. (13) He thinks about the whole song, not just that one note.

(14) Each night that I practiced, I thought about what Mr. Davis does. (15) As I prepared to play the C-sharp note at the concert, I took a deep breath and did not ever think about it. (16) Then I played that note as if I had always known how to play it. (17) What a great feeling!

Reporting Category: 1 Language

Performance Indicator: 0401.1.4 Identify declarative, interrogative, and exclamatory sentences by recognizing appropriate end marks.

10 Which sentence from the journal entry is an exclamatory sentence?

- F** I did exactly what my music teacher told me to do.
- G** I performed really well, and I am proud of myself!
- H** Do you know what he does when he feels nervous?

Reporting Category: 1 Language

Performance Indicator: 0401.1.5 Select the best way to correct incomplete sentences within context.

11 Read Sentence 9.

No matter how much I practiced, the high note always.

Choose the best way to correct this incomplete sentence.

- A** No matter how much I practiced, the high note always sounded wrong.
- B** No matter how much I practiced on my flute, the high note sounded always.
- C** No matter how much I sounded or practiced on that song, the always high note.

Go On ►

Reporting Category: 1 Language

Performance Indicator: 0401.1.7 Recognize usage errors occurring within context (i.e., double negatives, troublesome words: to/too/two, their/there/they're, its/it's).

12 Read Sentence 15.

As I prepared to play the C-sharp note at the concert, I took a deep breath and did not never think about it.

Choose the correct way to write the underlined part of the sentence.

- F** did not think about it
- G** did not think about it never
- H** did never not think about it

Reporting Category: 1 Language

Performance Indicator: 0401.1.8 Identify correctly or incorrectly spelled words in context.

13 Read Sentences 6 and 7.

He assigned the flute players a special part of a song to play all by ourselves. I began to worry that the audience would laugh at me.

Which underlined word is not spelled correctly?

- A** special
- B** ourselves
- C** laugh

Reporting Category: 1 Language

Performance Indicator: 0401.1.11 Identify sentences with correct subject-verb agreement (person and number).

14 Read Sentence 5.

I was scared when my music teacher, Mr. Davis, said that the band perform every year in front of the whole school.

Choose the correct way to write the underlined words.

- F** the band performs
- G** the bands performs
- H** correct as is

Reporting Category: 1 Language

Performance Indicator: 0401.1.15 Identify grade level compound words, contractions, and common abbreviations within context.

15 Which sentence from the journal entry uses an abbreviation?

- A** Tonight's concert was perfect!
- B** I was nervous because I was having a difficult time playing a C-sharp note.
- C** I spoke to Mr. Davis about my problem.

Go On ►

Reporting Category:

3 Writing and Research

Performance Indicator:

0401.3.1 Identify the purpose for writing (i.e., to entertain, to inform, to share experiences).

16 Sonia wrote this journal entry most likely to

- F** entertain readers with a story about a concert.
- G** inform someone about how to play the flute.
- H** share experiences of being in a band.

Reporting Category:

4 Communication and Media

Performance Indicator:

0401.7.4 From a list of media, identify the medium that is available to you that was probably not available to previous generations.

17 Sonia decides to write a report about a famous flute player. She uses these resources:

- a biography
- a website
- an encyclopedia

Which source would not have been available when Sonia's grandmother was in fourth grade?

- A** a biography
- B** a website
- C** an encyclopedia

Directions

Liam wrote this book report. It contains mistakes. Read the book report and answer Numbers 18 through 25.

Mattie Miller for Mayor

1 *Mattie Miller for Mayor* is the best book I have ever read! The mayor decides to turn the town playground into a parking lot. Mattie Miller tries to save the playground. This ten-year-old boy then works to become the town's younger mayor.

2 Many people think that Mattie is not old enough to be the mayor. However, no one can find a rule showing that the mayor must be an adult. Mattie challenges Mayor Johnson in the next election.

3 Mattie tries to win votes from people in the town. Then, the children help people around the town with odd jobs. First, Mattie and his friends wash store windows on Main Street. They also plant flowers in the park. The whole town gets to know Mattie and his friends.

4 On election day people are excited to see who will win. Unfortunately, Mattie loses by one vote! Mayor Johnson learns how important the playground is to the children. He agrees to leave the playground as is. Mattie often rides his bike to the playground. Mayor Johnson shakes Mattie's hand. He tells Mattie that Mattie encourages him to do the right thing.

5 Everyone should read this book. It teaches readers that people of any age can make life better for their communities.

Go On ►

Reporting Category: 1 Language

Performance Indicator: 0401.1.3 Identify the correct use of adjectives (i.e., comparison forms and articles) and adverbs (i.e., comparison forms and negatives) within context.

18 Read this sentence from Paragraph 1.

This ten-year-old boy then works to become the town's younger mayor.

Choose the correct way to write the underlined words.

- F** youngest mayor
- G** most young mayor
- H** more younger mayor

Reporting Category: 3 Writing and Research

Performance Indicator: 0401.3.2 Identify the audience for which a text is written.

19 Which group of people would most enjoy reading this book report?

- A** mayors
- B** teachers
- C** students

Reporting Category:

3 Writing and Research

Performance Indicator:

0401.3.4 Select details that support a topic sentence.

20 Read this topic sentence from Paragraph 2.

Many people think that Mattie is not old enough to be the mayor.

Which sentence would best support the topic sentence?

- F** The author of this book has written other books about Mattie.
- G** Some adults try to stop Mattie from running for mayor.
- H** Mattie is also the captain of the fourth grade baseball team.

Reporting Category:

3 Writing and Research

Performance Indicator:

0401.3.5 Rearrange sentences to form a sequential, coherent paragraph.

21 Read these sentences from Paragraph 3.

1. Mattie tries to win votes from people in the town.
2. Then, the children help people around the town with odd jobs.
3. First, Mattie and his friends wash store windows on Main Street.
4. They also plant flowers in the park.
5. The whole town gets to know Mattie and his friends.

What is the best order for the sentences in the paragraph?

- A** 1, 4, 2, 5, 3
- B** 1, 3, 2, 4, 5
- C** 1, 5, 3, 2, 4

Go On ►

Performance Indicator: 0401.3.6 Choose the supporting sentence that best fits the context and flow of ideas in a paragraph.

22 Read Paragraph 5.

Everyone should read this book. It teaches readers that people of any age can make life better for their communities.

Which sentence can best be added to the paragraph?

- F** It is also a fun story that readers will enjoy.
- G** Playgrounds are more important than parking lots.
- H** All people know someone just like Mattie.

23 Read these sentences from Paragraph 4.

Mayor Johnson learns how important the playground is to the children. He agrees to leave the playground as is. Mattie often rides his bike to the playground.

Which sentence should be removed from Paragraph 4?

- A** Mayor Johnson learns how important the playground is to the children.
- B** He agrees to leave the playground as is.
- C** Mattie often rides his bike to the playground.

Go On ►

Reporting Category: 3 Writing and Research

Performance Indicator: 0401.3.10 Complete a graphic organizer (i.e., clustering, listing, mapping, webbing) to group ideas for writing.

24 Liam made this chart while planning his book report.

Title	Mattie Miller for Mayor
Characters	Mattie Miller and Mayor Johnson
Problem	
Solution	Mattie helps the town save a meaningful place.

Which sentence best completes Liam's chart?

- F** Mattie challenges Mayor Johnson in the next election.
- G** Mattie is not old enough to run for mayor.
- H** Mayor Johnson wants to build a new parking lot.

Reporting Category: 3 Writing and Research

Performance Indicator: 0401.4.2 Rank the reliability of sources on a given topic.

25 After writing the book report, Liam wants to learn about how a person becomes a city mayor. Which source would be the most reliable?

- A** a story about a famous mayor
- B** an encyclopedia article about electing a mayor
- C** a student website about the job of a mayor

Directions

Claire gave this speech to the fourth-grade classes at her school. Read the speech and then answer Numbers 26 through 33.

Vote for Claire

- 1 Hello, fourth graders! My name is Claire Chin. I want to be your class president. A president is a person who is elected to speak for a group of people. My goal is to share your ideas for improving our school with other school leaders. Here are some other reasons why you should vote for me.
- 2 First, our school is important to me. I have been a student at Garson Elementary since I was in kindergarten. I know most of the teachers and students. If you vote for me, I will try to make our school even better.
- 3 Next, I am responsible. Our teachers tell us that fourth graders should be role models for younger students. We are expected to do what is right. I come prepared for class and turn in my homework each day. I study for tests. I return my library books on time. I am a good example for other students.
- 4 As your class president, I will ask to change some rules. I think we should have more freedom because fourth graders have greater responsibilities. Right now, students must go to the playground during recess. We are not allowed to go to the library or to study in a classroom. I think we should have choices during recess.
- 5 If you vote for me, I will ask to change the playground-only rule for the fourth and fifth graders. I will explain how going to the library or working in the classroom could help us with our schoolwork. We would have extra time to complete our work. Teachers could take turns watching students in a classroom instead of going outside. This simple change would help many students.

Go On ►



My friends and I study at the library.

- 6 I also have some good ideas for interesting projects. I think the fourth graders could plan a science fair. We could build some fantastic projects about electricity, weather, and sound. We could display our great work for the whole school. Our parents and friends could see how much we learn in fourth grade.
- 7 I promise to ask for changes right away. I will meet with school leaders as soon as possible to share ideas. I also will be available to listen to any suggestions you have that could make Garson Elementary an even better place for everyone.
- 8 Thank you very much for listening. I hope you will vote for me in the school election on Friday. Claire Chin is your president for change!

Reporting Category: 2 Vocabulary

Performance Indicator: 0401.1.13 Recognize and use grade appropriate vocabulary within context.

26 Read these sentences from Paragraph 4.

I think we should have more freedom because fourth graders have greater responsibilities. Right now, students must go to the playground during recess. We are not allowed to go to the library or to study in a classroom.

What does freedom mean?

- F** having time to work
- G** being able to use something
- H** getting a reward

Reporting Category: 4 Communication and Media

Performance Indicator: 0401.2.1 Identify the main idea and supporting points of a speech.

27 What is the main reason Claire believes students should vote for her?

- A** She wants to make changes.
- B** She feels proud of her school.
- C** She wants to share her ideas.

Go On ►

Reporting Category: 4 Communication and Media

Performance Indicator: 0401.2.2 Given a list of interactive behaviors (i.e., taking turns, behaving courteously, not interrupting, listening, remaining on task), identify those that are appropriate (or inappropriate) for group activities.

28 What should students do if they have questions during Claire's speech?

- F** wave their hands for attention while she talks
- G** save all comments until after the speech ends
- H** clap loudly when they like what they hear

Reporting Category: 4 Communication and Media

Performance Indicator: 0401.2.3 Select the best summary of a speech.

29 Choose the best summary of the speech.

- A** Claire is in fourth grade. She wants to be class president. She wants to be able to use the library to study during recess time.
- B** Claire has gone to the same school since she was in kindergarten. She knows most of the teachers and students there. She believes she should be chosen as class president.
- C** Claire wants to be class president. She plans to make the school a better place for everyone. She believes she will do a good job.

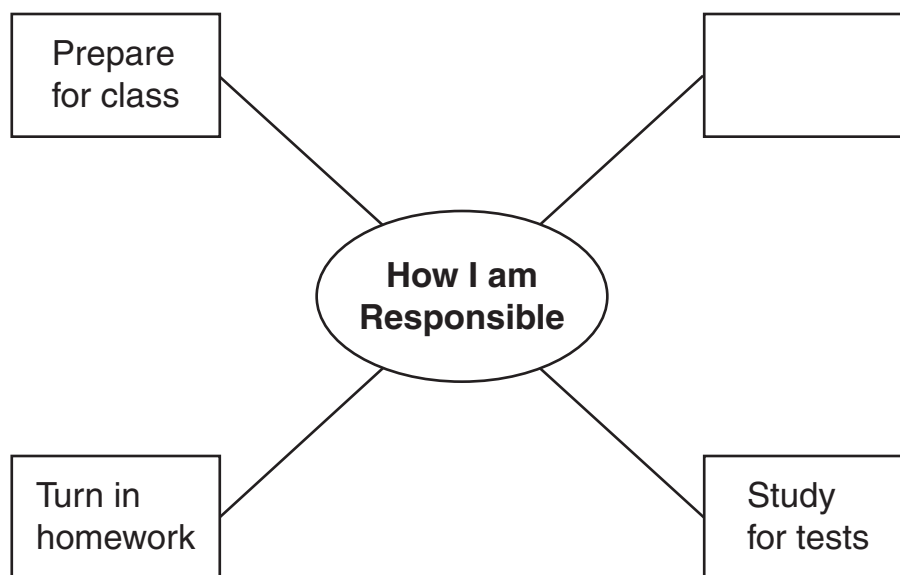
30 Claire is planning a science fair project about winter weather. Which source would give Claire the most appropriate information?

F a video titled *How Snowflakes Form*

G a picture book titled *The Snowy Night*

H a magazine titled *Snow Is Fun*

31 Look at the diagram based on Claire's speech.



Which idea belongs in the empty square?

- A** Return library books on time
- B** Work with younger students
- C** Play outside during recess

Reporting Category: 5 Logic

Performance Indicator: 0401.5.3 Distinguish between fact/opinion and reality/fantasy.

32 Choose the sentence from the speech that is an opinion.

- F** I want to be your class president.
- G** I am a good example for other students.
- H** I promise to ask for changes right away.

Reporting Category: 6 Informational Text

Performance Indicator: 0401.6.2 Identify the stated main idea and supporting details in text.

33 What is the main idea of the speech?

- A** Claire hopes her school will hold a science fair every year.
- B** Claire needs help from school leaders to think of ideas.
- C** Claire wants her classmates to vote for her.

Go On ►

Clouds

- 1 Do you know how many types of clouds there are? Can you look at clouds and know how to dress for the day? Some clouds are light and feathery, while other clouds can be dark and thick. The most common types of clouds are cirrus clouds and cumulus clouds.

Cirrus Clouds

- 2 Cirrus clouds float very high where strong wind currents blow them across the sky. The wind spreads the clouds across the sky into thin, white strips. People sometimes say these clouds look like feathers. Even though cirrus clouds are seen in sunny skies, they are made of tiny pieces of ice. The ice is light enough to float.
- 3 Cirrus clouds are often very colorful during sunsets and sunrises. During these times, bright rays of sunlight pass through the thin cirrus clouds. The rays light up the sky with amazing orange and red streaks.
- 4 To find cirrus clouds, look for the end of the cloud. The curly tail will tell you that the cloud is a cirrus cloud.

Cumulus Clouds

- 5 Cumulus clouds can also be found in nice weather, but they are the opposite of the thin cirrus clouds. While cirrus clouds move with the wind across the sky, cumulus clouds slowly build up higher into the sky. Cumulus clouds are so thick that sunlight cannot easily shine through them.
- 6 Cumulus clouds are white and puffy and change into what look like different shapes. When someone points to a cloud and says, “Look! I see a dog!” he or she most likely is looking at a cumulus cloud. These types of clouds sometimes remind people of cotton balls or cotton candy. Although the clouds are fluffy on top, cumulus clouds are flat on the bottom. Sometimes the bottoms of these clouds look like they are resting on a piece of glass.

- 7 Cumulus clouds are normally much closer to Earth than cirrus clouds. They usually are made up of drops of water, not ice. The size of cumulus clouds depends on how much water is inside them and how fast the wind is moving.



Cumulus Clouds

- 8 Cumulus clouds are usually seen on clear, sunny days. However, they can become dark. A dark cumulus cloud could be a sign that a storm is coming. If you see cumulus clouds starting to turn dark gray, you should stay inside.
- 9 Cirrus and cumulus clouds are alike in some ways, but they are also very different. Knowing about the types of clouds can help people understand the weather better. Watching the beautiful clouds can be fun and exciting as well.

Reporting Category: 2 Vocabulary

Performance Indicator: 0401.1.16 Determine the meaning of unfamiliar words using context clues, dictionaries, and glossaries.

34 Read this sentence from Paragraph 2.

Cirrus clouds float very high where strong wind currents blow them across the sky.

According to the passage, what does currents mean?

- F** the amount of rain that may be possible
- G** the changing temperature of the air
- H** the steady flow of air in one direction

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Reporting Category: 3 Writing and Research

Performance Indicator: 0401.4.1 Select appropriate sources from which to gather information on a given topic.

35 Janelle wants to learn about other kinds of clouds. Which source would provide the most appropriate information?

- A** a nonfiction book called *Weather for Kids*
- B** a story called *Betty and the Big Storm*
- C** a magazine article called “Rainy Day Projects”

Reporting Category: 3 Writing and Research

Performance Indicator: 0401.4.2 Rank the reliability of sources on a given topic.

36 A student wants to learn more about how people use clouds to predict the weather. Which source will give the most reliable information?

- F** a website written by fourth-grade students
- G** a website for a store that sells rain gear
- H** a website from a news channel

Reporting Category: 5 Logic

Performance Indicator: 0401.5.6 Indicate the sequence of events in text.

37 When do cumulus clouds turn dark gray?

- A** when they first form
- B** before a storm begins
- C** while the wind blows

Go On ►

- 38** Which photograph would best be added under the subheading “Cirrus Clouds”?

F



© Brigitte Smith/Stockphoto #9940377

G



© Skyhobo/Stockphoto #3257239

H



© rest/Stockphoto #2725659

39 Read this chart.

Cirrus Clouds	Cumulus Clouds
<ul style="list-style-type: none">• move across sky• have curled-up ends• contain bits of ice	<ul style="list-style-type: none">• build up higher in sky•• contain drops of water

Based on the passage, which characteristic correctly completes the chart?

- A** are colorful at sunrise and sunset
- B** are flat on the bottom
- C** look like feathers

Reporting Category: 6 Informational Text

Performance Indicator: 0401.6.6 Use available text features (e.g., graphics and illustrations) to make meaning from text.

40 The photograph in the passage helps readers understand how cumulus clouds

- F** move quickly across the sky.
- G** look different from other types of clouds.
- H** change shape over time.

Reporting Category: 4 Communication and Media

Performance Indicator: 0401.7.3 Choose the most effective medium to enhance a short oral presentation (e.g., still pictures, model, diorama, PowerPoint, recording).

41 Dominick checked the clouds over his house and recorded the weather every day for a month. Which medium would be best to show while Dominick gives a report about what he learned?

- A** a map showing where his house is located
- B** a diorama of his house with clouds hanging above it
- C** a slide show of photos he took of the clouds each day

Directions

Read this poem. Then answer Numbers 42 through 48.

My Beautiful Bird



© Nina Shannon/Stockphoto #7267545

I drew a bird.
It looked perfect, just right.
The bird was dark blue —
a blue like the night.

5 I left it on the table
Next to Mom's keys
While I ate my lunch,
My favorite — grilled cheese.

After eating my lunch,
10 I picked up my art.
Something looked odd,
It had a new part.

"No, Max!" I screamed,
He had scribbled a bunch
15 On my beautiful bird
While I snacked on my lunch.

Go On ►

To fix up this mess,
I thought for a while,
Then grabbed some crayons
20 And started to smile.

I scribbled also,
With green, orange, and red,
Then drew some neat lines,
“It is working!” I said.

25 This time my art
Is really the best.
My bird now has a home
In a colorful new nest!

Reporting Category: 2 Vocabulary

Performance Indicator: 0401.1.12 Select appropriate antonyms, synonyms, and homonyms within context.

42 Read Line 2 from the poem.

It looked perfect, just right.

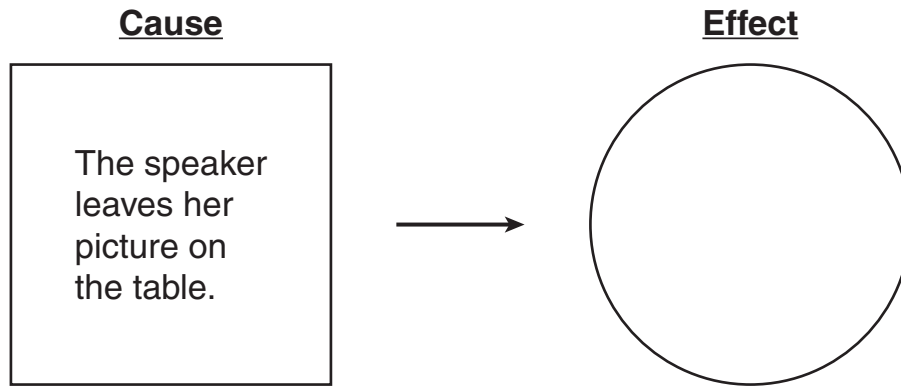
Which underlined word is a homonym?

F looked

G perfect

H right

43 Look at this chart based on the poem.



Which sentence best completes the chart?

- A** The speaker is able to eat a sandwich.
- B** The speaker's mother puts her keys on the table.
- C** The speaker's brother finds and draws on the art.

Reporting Category: 5 Logic

Performance Indicator: 0401.5.4 Choose a logical word to complete an analogy using synonyms and antonyms.

44 Read this analogy based on the poem.

New is to old as scream is to _____.

Which word best completes the analogy?

F whisper

G talk

H yell

Reporting Category: 5 Logic

Performance Indicator: 0401.5.5 Make inferences and draw appropriate conclusions from text.

45 How does the speaker feel at the end of the poem?

A tired

B excited

C curious

Reporting Category: 7 Literature

Performance Indicator: 0401.8.3 Determine the problem in a story and recognize its solution.

46 Which sentence best describes how the speaker solves her problem?

- F** She draws a perfect picture of a bird.
- G** She turns the scribble into a nest.
- H** She asks for help from her brother.

Reporting Category: 7 Literature

Performance Indicator: 0401.8.4 Make appropriate predictions about text.

47 In the future, the speaker will most likely

- A** be more careful about where she places her work.
- B** look for different colors to use in her pictures.
- C** choose another activity to do instead of art.

Go On ►

Reporting Category: 7 Literature

Performance Indicator: 0401.8.8 Recognize the sounds of language (i.e., alliteration, rhyme, and repetition).

48 Which two words from the poem rhyme?

F left, lunch

G red, said

H home, nest

Pilot Dream

1 Carlos stared through the apartment window. He watched his neighbor Mrs. Giles walking to the recycling bin. It was unusual for Carlos to see people recycle newspapers in the rain. He did not know much about her except that she liked to knit. She had once ordered a knitting magazine for a school fundraiser from him.

2 Mrs. Giles struggled to carry newspapers to the recycling bin. Suddenly she tripped, dropping the newspapers into a puddle. Carlos grabbed his raincoat and ran out the door. He put the newspapers into the recycling bin. Then he helped Mrs. Giles walk back to her apartment.

3 “Do you have anything else you’d like to recycle?” Carlos asked Mrs. Giles.

4 “Yes,” Mrs. Giles replied. “Please come inside.”

5 As Mrs. Giles picked up another stack of newspapers, Carlos saw some of the knitting magazines she had ordered from him. He also saw a few copies of the magazine *Aviation News*.

6 “Mrs. Giles, do you read *Aviation News*?” Carlos asked.

7 Mrs. Giles smiled and said, “I like to learn about my career, even if I am retired.”

8 “What was your profession?” Carlos asked. “I guess I don’t know much about you other than you like to knit.”

9 “I do like to knit,” Mrs. Giles said. “I started knitting when I was an airline pilot.”

10 Carlos stared at Mrs. Giles. “You were a pilot?” he asked.

11 “Yes!” Mrs. Giles exclaimed. “I was one of the first female airline pilots in the country.”

12 “Wow! What does knitting have to do with being a pilot?” Carlos asked.

Go On ►

13 “When I was away from home, I would knit sweaters for my son. Now,
he is a pilot too,” Mrs. Giles said proudly.

14 “I want to be a pilot some day,” Carlos said quickly. “I even make
model airplanes.”

15 “I’m glad we have something in common,” Mrs. Giles said. “Perhaps
you can show me your model airplanes sometime.”

16 “Sure!” agreed Carlos. “And if you have any pictures of yourself flying,
I’d like to see those too.”



17 Over the next few weeks, Carlos and Mrs. Giles became friends. One
day, Carlos heard a knock at his door. Mrs. Giles was standing outside
with a tall man.

18 “Carlos, this is my son, Ron,” Mrs. Giles said.

19 Carlos shook Ron’s hand. “Nice to meet you, sir,” Carlos said.

- 20 “My mother said you were interested in becoming a pilot,” Ron said.
“I was wondering if you and your mother would like to tour my airplane today.”
- 21 Carlos ran to ask his mother, and they both came to the door. “We would love to have this great opportunity!” Carlos’s mother said.
- 22 On the way home after seeing the airplane, Carlos asked, “Mom, when can I go to pilot school?”
- 23 His mother laughed and replied, “Let’s make plans once you finish the fourth grade!”

Reporting Category: 2 Vocabulary

Performance Indicator: 0401.1.12 Select appropriate antonyms, synonyms, and homonyms within context.

49 Read Paragraph 20.

“My mother said you were interested in becoming a pilot,” Ron said. “I was wondering if you and your mother would like to tour my airplane today.”

Which word is a synonym for tour?

- A** explore
- B** review
- C** select

Go On ►

50 Read this sentence from Paragraph 1.

It was unusual for Carlos to see people recycle newspapers in the rain.

The prefix un- helps the reader understand that unusual means

- F** being normal.
- G** not common.
- H** without need.

Reporting Category: 2 Vocabulary

Performance Indicator: 0401.1.16 Determine the meaning of unfamiliar words using context clues, dictionaries, and glossaries.

51 Read Paragraphs 8 and 9.

“What was your profession?” Carlos asked. “I guess I don’t know much about you other than you like to knit.”

“I do like to knit,” Mrs. Giles said. “I started knitting when I was an airline pilot.”

What does the word profession mean?

- A** hobby
- B** plan
- C** job

Reporting Category: 5 Logic

Performance Indicator: 0401.5.1 Locate information to support opinions, predictions, and conclusions.

52 Which sentence from “Pilot Dream” best supports the idea that Carlos is kind to others?

- F** He watched his neighbor Mrs. Giles walking to the recycling bin.
- G** Then he helped Mrs. Giles walk back to her apartment.
- H** Carlos ran to ask his mother, and they both came to the door.

Go On ►

Reporting Category: 5 Logic

Performance Indicator: 0401.5.2 Recognize cause-effect relationships within context.

53 Mrs. Giles started knitting because she

- A** read about it in a magazine.
- B** needed to stay busy after she retired.
- C** wanted an activity to do while away from home.

Reporting Category: 5 Logic

Performance Indicator: 0401.5.5 Make inferences and draw appropriate conclusions from text.

54 Why is Carlos curious about Mrs. Giles's copies of *Aviation News*?

- F** He needs to know what to recycle.
- G** He is interested in flying.
- H** He plans to sell more magazines.

Reporting Category: 6 Informational Text

Performance Indicator: 0401.6.1 Select questions used to focus and clarify thinking before, during, and after reading text.

55 Which question can be answered by reading the story?

- A** What does Carlos want to be when he grows up?
- B** Where did Mrs. Giles go to school?
- C** What company does Ron work for?

Reporting Category: 7 Literature

Performance Indicator: 0401.8.2 Identify characters, setting, and plot in a passage.

56 Who is the main character in “Pilot Dream”?

- F** Carlos
- G** Carlos’s mother
- H** Mrs. Giles

Go On ►

Directions Read the drama. Then answer Numbers 57 through 64.

Quiet as a Mouse

CHARACTERS:

HENRY, age 9

MOTHER, Henry's mother

SAM, Henry's brother, age 7

MR. SUN, a mail carrier

MOUSE, a dog

ELVIS, a neighbor's dog

SCENE 1

(Setting: A backyard. **ELVIS** barks loudly offstage.)

HENRY: (Looks over the fence.) Elvis sure is noisy today.

MOTHER: Whenever Mr. Sun delivers the mail, Elvis barks. I don't want a dog like that.

SAM: Mom! I know which dog we should get.

HENRY: Wait a minute! I'm the oldest. I should get to pick our dog!

MOTHER: Let's hear what Sam has to say, Henry.

SAM: Billy has a white dog with fluffy fur. His dog is playful, and he chases his tail. We should get a dog like Billy's dog.

HENRY: I want a dog like Aunt Lou's dog. He has cute, brown ears and knows lots of tricks.

MOTHER: Boys, the animal shelter will have a dog that everyone will like.

SCENE 2

(Setting: Animal shelter. **MOTHER**, **SAM**, and **HENRY** walk past the cages.)

MOTHER: Boys, do you see a dog you like?

SAM: (Points left.) Look at that fluffy one over there.

HENRY: That dog is just running around the cage, Sam.

MOTHER: Do you see one you like, Henry?

HENRY: Yes, look at this one. (Puts hand up to cage and the dog licks his hand.) I think he likes me!

SAM: (Reaches into the cage to pet the dog. The dog licks him.) May we get him, Mom?

SCENE 3

(Setting: The backyard. HENRY, SAM, and MOTHER are looking at their new dog.)

SAM: Well, he's not fluffy.

HENRY: And he doesn't have brown ears!

MOTHER: What shall we name him?

SAM: His tail keeps thumping like a drum. Maybe we should call him "Drummer."

HENRY: I don't like that name, Sam.

MOTHER: Henry, since you found the dog, I think Sam should name him.

SAM: He is as quiet as a mouse. Maybe we should name him "Mouse."

HENRY: Let's try it! Mouse, come here, boy! (The dog comes and licks HENRY's hand.)

SAM: Mouse already knows his name!

MOTHER: He seems like a smart dog. Let's see if he likes to play. (Throws a ball.) Go get it, Mouse!

(MOUSE does not move.)

Go On ►

HENRY: I guess we'll have to teach him how to play ball.

(MR. SUN walks into the backyard.)

MR. SUN: Hello! Here's your mail. (Looks at MOUSE.) Who is this?

HENRY: This is our new dog, Mouse.

(ELVIS barks offstage.)

MR. SUN: I think I know how you got his name. I should go. Elvis is calling me. See you tomorrow! (Hurries away.)

HENRY: I believe we've found a great dog. Now we need to get a book at the library about dog training.

(MOUSE barks softly.)

SAM: I think Mouse wants to come with us!

CURTAIN

Reporting Category: 5 Logic

Performance Indicator: 0401.5.1 Locate information to support opinions, predictions, and conclusions.

57 Which line from the drama supports the conclusion that Mouse does not know how to play?

- A** His dog is playful, and he chases his tail.
- B** Let's see if he likes to play.
- C** I guess we'll have to teach him how to play ball.

Reporting Category: 5 Logic

Performance Indicator: 0401.5.6 Indicate the sequence of events in text.

58 Which event happens last in the drama?

- F** Henry calls Mouse by name.
- G** Henry suggests getting a library book.
- H** Henry looks over the fence at Elvis.

Go On ►

Reporting Category: 6 Informational Text

Performance Indicator: 0401.6.1 Select questions used to focus and clarify thinking before, during, and after reading text.

59 Which question can be answered while reading the drama?

- A** Which tricks can Aunt Lou's dog perform?
- B** What did Billy name his dog?
- C** Why does Sam suggest naming the dog Drummer?

Reporting Category: 7 Literature

Performance Indicator: 0401.8.3 Determine the problem in a story and recognize its solution.

60 How do Henry and Sam settle their differences about choosing a dog?

- F** Sam suggests to Henry that they find a white dog that chases its tail.
- G** Henry and Sam find a dog that is friendly to both of them.
- H** Sam and Henry agree that if Henry finds the dog, then Sam can name it.

Reporting Category: 7 Literature

Performance Indicator: 0401.8.4 Make appropriate predictions about text.

61 In the future, Sam and Henry will most likely

- A** teach Mouse some new tricks.
- B** take Mouse back to the animal shelter.
- C** give Mouse a new name.

Reporting Category: 7 Literature

Performance Indicator: 0401.8.5 Identify the forms of text (e.g., poems, drama, fiction, nonfiction).

62 “Quiet as a Mouse” can best be described as a drama because it

- F** has information about real events.
- G** involves different characters.
- H** contains stage directions.

Go On ►

Reporting Category: 7 Literature

Performance Indicator: 0401.8.6 Identify and interpret similes and metaphors.

63 Which sentence from the drama contains a simile?

- A** I want a dog like Aunt Lou's dog.
- B** His tail keeps thumping like a drum.
- C** He seems like a smart dog.

Reporting Category: 7 Literature

Performance Indicator: 0401.8.7 Identify the author's purpose (e.g., to entertain, to inform, to persuade, to share feelings).

64 The author wrote this drama most likely to

- F** entertain readers with a story about a family and their dog.
- G** share feelings with readers about getting a new dog.
- H** inform readers about the kinds of dogs that make the best pets.

Directions Read and answer Numbers 65 through 74.

Reporting Category: 1 Language

Performance Indicator: 0401.1.7 Recognize usage errors occurring within context (i.e., double negatives, troublesome words: to/too/two, their/there/they're, its/it's).

65 Which sentence uses the underlined word correctly?

- A** I watch my brothers play they're baseball game.
- B** I wonder if it is raining over their.
- C** I will read a book while I wait there.

Reporting Category: 1 Language

Performance Indicator: 0401.1.10 Choose the correct use of quotation marks and commas in direct quotations.

66 Which sentence uses quotation marks correctly?

- F** "I am nervous about the spelling bee," Josh said.
- G** "You will do fine," said Mom, as long as you stay calm."
- H** "I hope you are right, Josh told her."

Go On ►

Reporting Category: 3 Writing and Research

Performance Indicator: 0401.4.4 Differentiate among the kinds of information available in a variety of reference materials (i.e., dictionary, thesaurus, atlas, encyclopedia).

67 Diego needs to find a map showing where Alaska is located in the United States. Which source is best for Diego to use?

- A** an atlas
- B** a thesaurus
- C** an encyclopedia

Reporting Category: 6 Informational Text

Performance Indicator: 0401.6.3 Use table of contents, title page, and glossary to locate information.

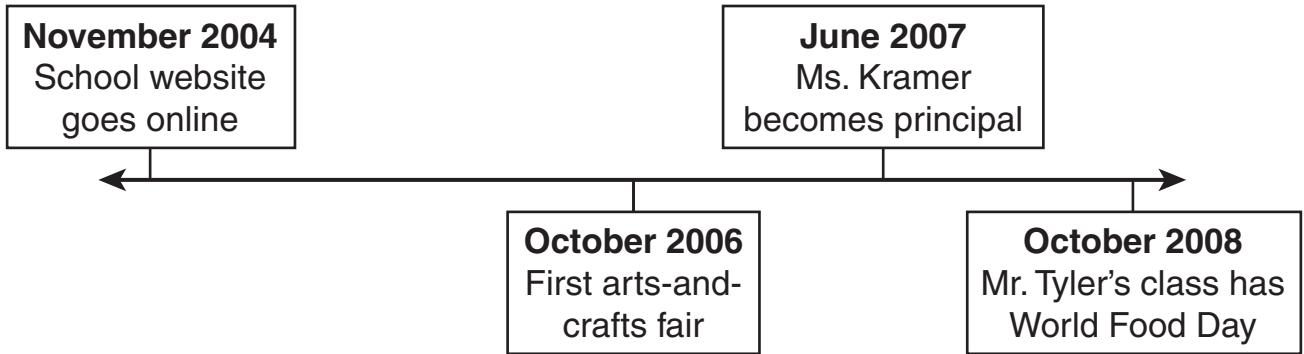
68 Read this table of contents from a book about kangaroos.

Chapter 1 Living in the Wild
Chapter 2 Finding Food
Chapter 3 Raising a Family

Which chapter would most likely provide information about the size of a kangaroo when it is born?

- F** Chapter 1
- G** Chapter 2
- H** Chapter 3

69 Alisha made this timeline of events that happened at her school.



Which event needs to be added between the arts-and-crafts fair and Ms. Kramer becoming principal?

- A** September 2006 — School takes part in Town Cleanup Day
- B** April 2007 — School starts newspaper
- C** October 2007 — Mrs. Alexander holds Funny Hat Contest

Go On ►

Reporting Category: 6 Informational Text

Performance Indicator: 0401.6.7 Arrange instructions in sequential order.

70 Read these steps for making a banana milkshake.

1. Blend the frozen banana chunks with milk and ice cream until smooth.
2. Pour into glasses and top with whipped cream.
3. Cut a banana into chunks and freeze them for several hours.

What is the correct order of the steps for making a banana milkshake?

F 3, 1, 2

G 1, 3, 2

H 2, 1, 3

Reporting Category: 4 Communication and Media

Performance Indicator: 0401.7.1 Select the most appropriate and reliable media for accessing information, writing a report, or making a presentation.

71 Hector wants to learn about how jazz music started. Which type of media should Hector use?

A a video titled *You Can Be a Jazz Music Star*

B a newspaper article titled “Jazz Music Concert Coming Soon”

C a nonfiction book titled *The History of Jazz Music in America*

72 Look at this photo.



What is the main idea of the photo?

- F** The girls are excited about a sport.
- G** The girls are shouting because they are angry.
- H** The girls are waiting to be picked up from school.

Go On ►

Reporting Category: 4 Communication and Media

Performance Indicator: 0401.7.3 Choose the most effective medium to enhance a short oral presentation (e.g., still pictures, model, diorama, PowerPoint, recording).

73 Ben is preparing a speech about how blue whales communicate with one another. Which form of media will be best to include in his report?

- A** a digital map showing where blue whales are found
- B** an audio recording of blue whale sounds
- C** a model of the body of a blue whale

Reporting Category: 7 Literature

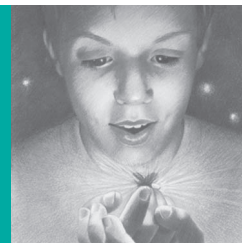
Performance Indicator: 0401.8.1 Recognize plot features of fairy tales, folk tales, fables, and myths.

74 A story that teaches a lesson and often has animals as characters is a

- F** myth.
- G** fable.
- H** folktale.

STOP 

Mathematics



Reporting Category:

1 Mathematical Processes

Performance Indicator:

0406.1.1 Verify a conclusion using the commutative, associative and distributive properties.

1 Which number sentence shows the correct use of the associative property?

A $(5 + 8) + 12 = 5 + (8 + 12)$

B $(5 + 8) + 12 = 12 + (5 + 8)$

C $(5 + 8) + 12 = 5 + (25 + 12)$

Go On ►

2

Use the centimeter side of your ruler to help you answer this problem.

Ella drew a line segment with a length of 4 centimeters, as shown.



Which line segment is twice the length of Ella's line segment?



Reporting Category:

2 Number and Operations

Performance Indicator:

0406.2.1 Read and write numbers from hundredths to hundred-thousands in numerals and in words.

3 Read this number.

four hundred twenty thousand, three hundred six

How is this number written in standard form?

A 420,360

B 420,306

C 42,036

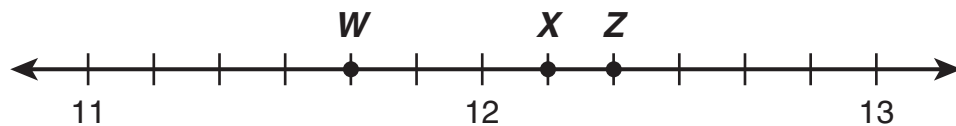
Reporting Category:

2 Number and Operations

Performance Indicator:

0406.2.2 Locate and place mixed numbers on the number line.

4 Look at this number line.



Which point best represents $12\frac{2}{6}$ on the number line?

F Point W

G Point X

H Point Z

Go On ►

Reporting Category:

2 Number and Operations

Performance Indicator:

0406.2.3 Identify the place value of a specified digit in a number and the quantity it represents.

- 5** Look at this number.

87,659

What is the value of the digit 8 in this number?

- A** 80
- B** 8,000
- C** 80,000

Reporting Category:

2 Number and Operations

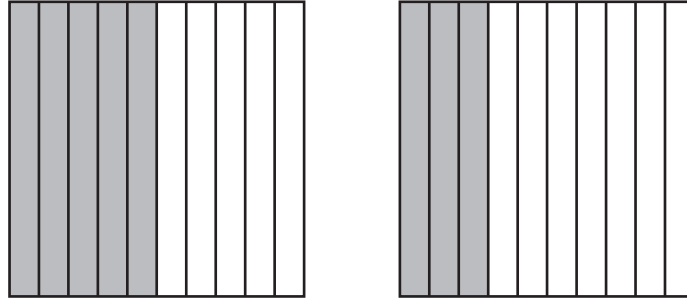
Performance Indicator:

0406.2.4 Find factors, common factors, multiples, and common multiples of two numbers.

- 6** Which list shows all the common factors of 28 and 48?

- F** 1, 2, and 12
- G** 1, 2, and 4
- H** 1, 4, and 7

- 7** Each model is shaded to represent a part of a whole.



Which statement correctly compares the shaded parts of the models?

- A** $0.50 > \frac{7}{10}$
- B** $\frac{1}{2} < 0.3$
- C** $0.50 > \frac{3}{10}$

Reporting Category: 2 Number and Operations

Performance Indicator: 0406.2.6 Use the symbols $<$, $>$ and $=$ to compare common fractions and decimals in both increasing and decreasing order.

8 Which comparison is true?

F $\frac{2}{8} > \frac{1}{4}$

G $\frac{2}{8} = \frac{1}{4}$

H $\frac{2}{8} < \frac{1}{4}$

Reporting Category: 2 Number and Operations

Performance Indicator: 0406.2.7 Convert improper fractions into mixed numbers and/or decimals.

9 Which number is equivalent to $\frac{25}{10}$?

A 2.5

B 2.05

C 0.25

Reporting Category:

2 Number and Operations

Performance Indicator:

0406.2.8 Add and subtract proper fractions with like and unlike denominators and simplify the answer.

10 Add:

$$\frac{3}{18} + \frac{2}{9} =$$

F $\frac{7}{18}$

G $\frac{5}{18}$

H $\frac{5}{27}$

Reporting Category:

2 Number and Operations

Performance Indicator:

0406.2.9 Add and subtract decimals through hundredths.

11 Mia spent \$5.36 on a book. She spent \$3.78 on a poster. What is the total amount Mia spent on the book and the poster?

A \$8.04

B \$9.04

C \$9.14

Go On ►

Reporting Category:**2 Number and Operations****Performance Indicator:****0406.2.10 Solve contextual problems using whole numbers, fractions, and decimals.****12** The land areas of two states are shown.

- Kentucky: 39,732 square miles
- Alabama: 50,750 square miles

What is the difference between these land areas?

F 11,018 square miles**G** 29,022 square miles**H** 90,482 square miles**Reporting Category:****2 Number and Operations****Performance Indicator:****0406.2.11 Solve problems using whole number multi-digit multiplication.****13** There are 28 students in a room. Each student has 14 paper clips. What is the total number of paper clips that these students have?**A** 392**B** 362**C** 140

Reporting Category:

2 Number and Operations

Performance Indicator:

0406.2.12 Solve problems using whole number division with one- or two-digit divisors.

14 Solve:

$$423 \div 9 =$$

F 47

G 48

H 49

Reporting Category:

2 Number and Operations

Performance Indicator:

0406.2.12 Solve problems using whole number division with one- or two-digit divisors.

15 Each box in a library contains 30 bookmarks. There are 390 bookmarks in these boxes altogether. What is the total number of boxes in this library?

A 19

B 13

C 10

Go On ►

Performance Indicator: 0406.3.1 Use letters and symbols to represent an unknown quantity and write a simple mathematical expression.

16 Freddie had a total of n napkins. He used 136 of these napkins. Which expression represents the number of napkins Freddie had left?

F $n + 136$

G $n - 136$

H $n \div 136$

- 17** This table shows the total number of dollars William saved in different numbers of weeks.

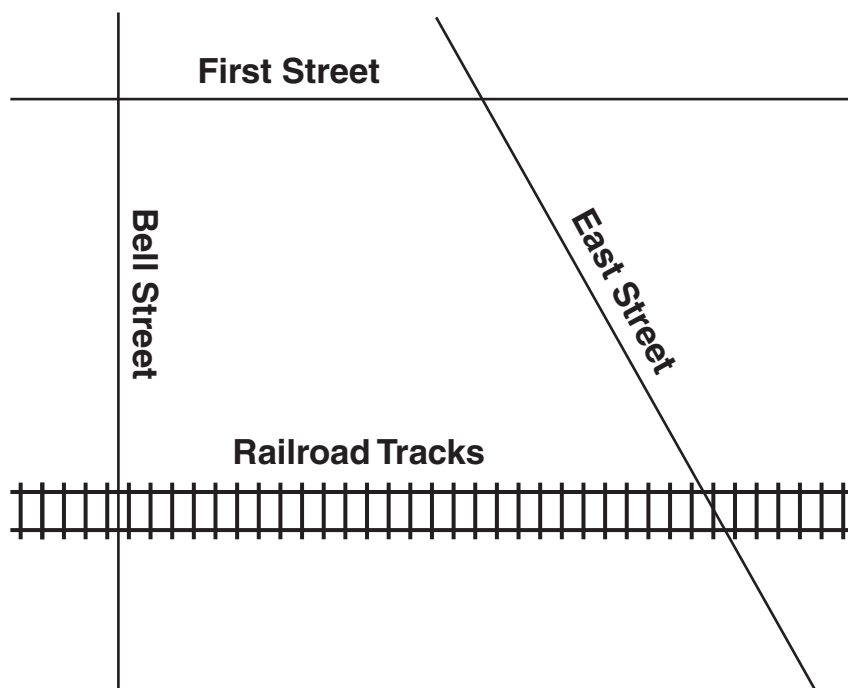
Dollars William Saved

Number of Weeks	Total Number of Dollars
5	\$10
6	\$12
7	\$14
8	\$16
9	\$18

The pattern in the table continues. In how many weeks will William have saved exactly \$24?

- A** 10
- B** 12
- C** 14

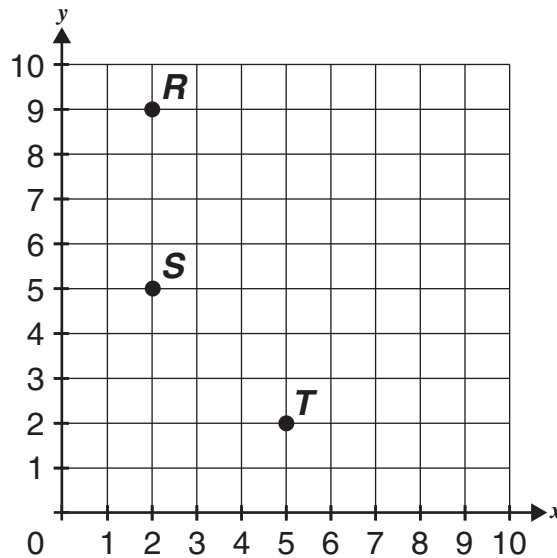
18 Look at this map.



Which street appears to be perpendicular to the railroad tracks?

- F** East Street
- G** First Street
- H** Bell Street

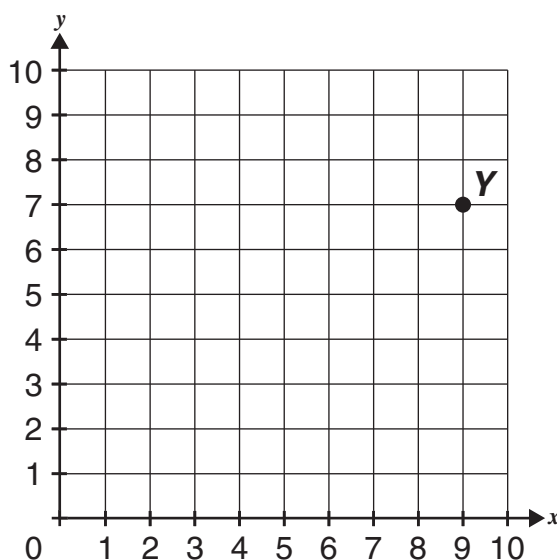
19 Look at this coordinate grid.



Which point appears to be located at $(2, 5)$?

- A** Point *R*
- B** Point *S*
- C** Point *T*

20 Point Y is shown on this coordinate grid.



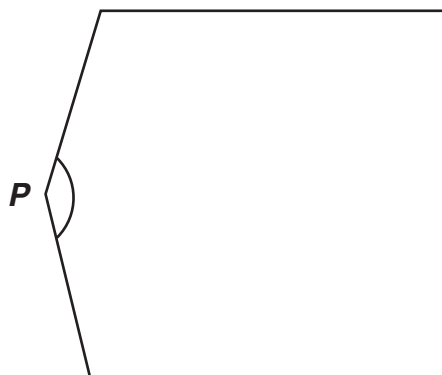
Which coordinates best represent the location of Point Y?

F (7, 9)

G (9, 9)

H (9, 7)

- 21** Look at Angle P in this figure.



Which type of angle is Angle P ?

- A** obtuse angle
- B** acute angle
- C** right angle

Reporting Category:**4 Geometry and Measurement****Performance Indicator:**

0406.4.7 Determine appropriate size of unit of measurement in problem situations involving length, capacity or weight.

22 Henry measured the distance between a classroom and the library at his school. Which unit is best to use when measuring this distance?

F millimeters

G miles

H yards

Reporting Category:**4 Geometry and Measurement****Performance Indicator:**

0406.4.8 Convert measurements within a single system that are common in daily life (e.g., hours and minutes, inches and feet, centimeters and meters, quarts and gallons, liters and milliliters).

23 How many yards are equal to 183 feet?

$$1 \text{ yard} = 3 \text{ feet}$$

A 63 yards

B 61 yards

C 60 yards

- 24** The length and width of a rectangle are shown.



$$\text{Area} = \text{length} \times \text{width}$$

What is the area of this rectangle?

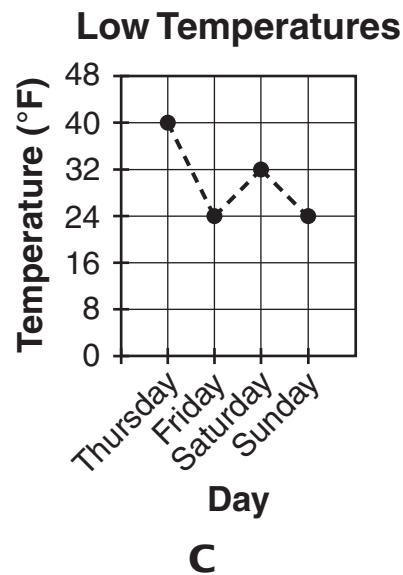
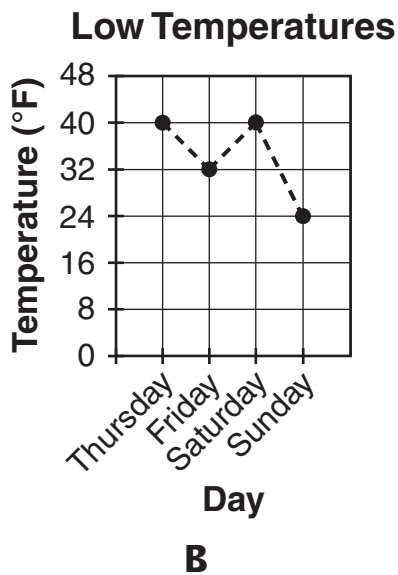
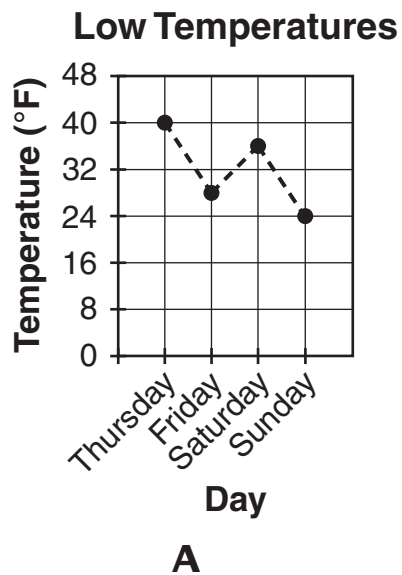
- F** 675 square inches
- G** 120 square inches
- H** 60 square inches

- 25** This table shows the low temperature in a town on each of four days.

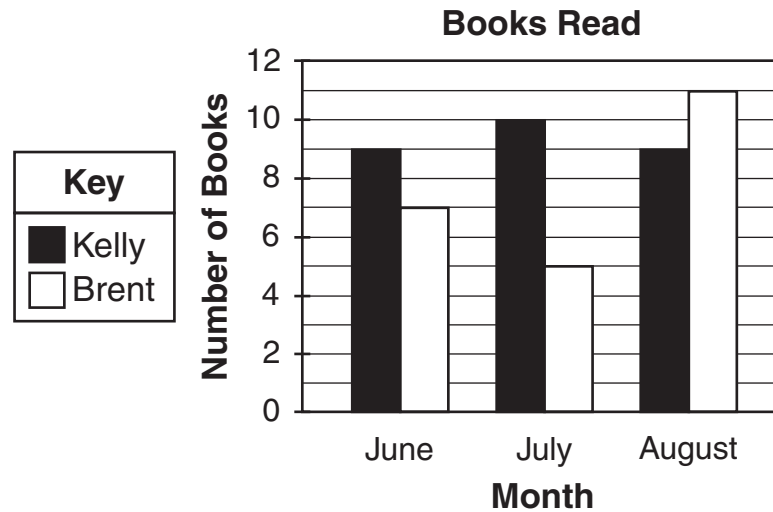
Low Temperatures

Day	Temperature (°F)
Thursday	40
Friday	28
Saturday	36
Sunday	24

Which graph best represents these temperatures?



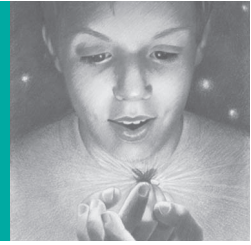
- 26** This graph shows the numbers of books two students read during each of three months.



What is the difference between the total number of books Kelly read and the total number of books Brent read?

- F** 4
G 5
H 6

Science



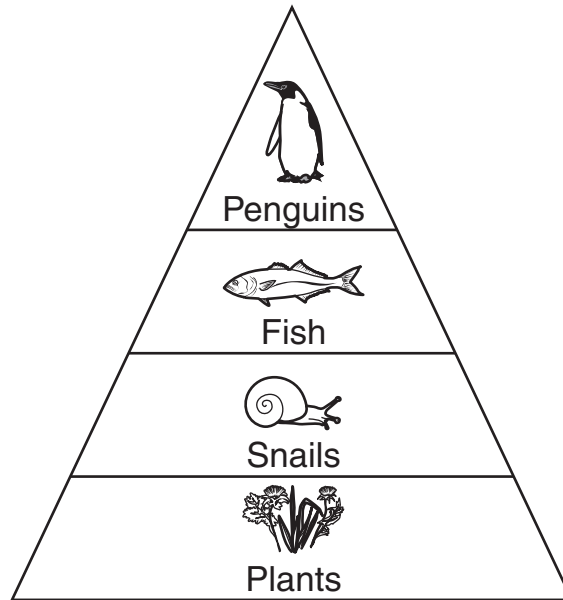
Reporting Category: 1 Cells, Flow of Matter & Energy, Heredity

Performance Indicator: 0407.1.1 Compare basic structures of plant and animal cells.

1 Which of these are found in both plant cells and animal cells?

- A** cytoplasm and cell wall
- B** vacuole and nucleus
- C** cell membrane and chloroplast

2 The diagram shows an energy pyramid.



Which term best describes the penguins in this energy pyramid?

- F** producers
- G** herbivores
- H** carnivores

Reporting Category: 1 Cells, Flow of Matter & Energy, Heredity

Performance Indicator: 0407.4.1 Draw conclusions about the relationship between reproduction and the survival of a species.

3 One type of bird lives only in Hawaii. There were only three birds of this type still alive in 2004. What will happen to these birds if they do not reproduce?

- A** The birds will become extinct.
- B** The birds will move to a new place.
- C** The birds will lay more eggs.

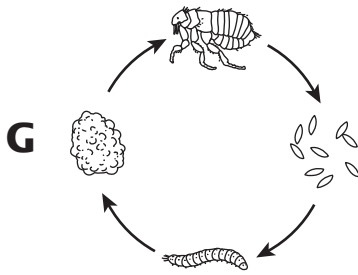
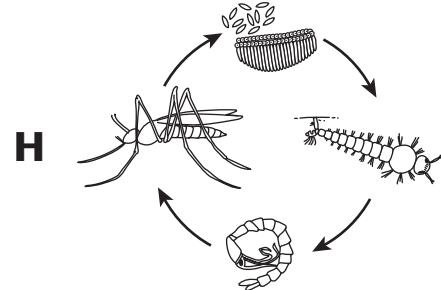
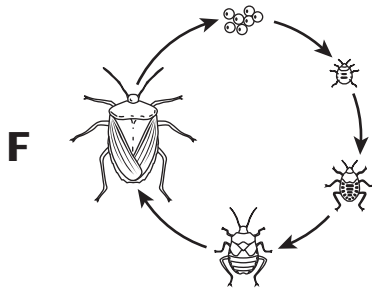
Reporting Category:

1 Cells, Flow of Matter & Energy, Heredity

Performance Indicator:

0407.4.2 Distinguish between complete and incomplete metamorphosis.

4 Which diagram shows incomplete metamorphosis?



Reporting Category:

1 Cells, Flow of Matter & Energy, Heredity

Performance Indicator:

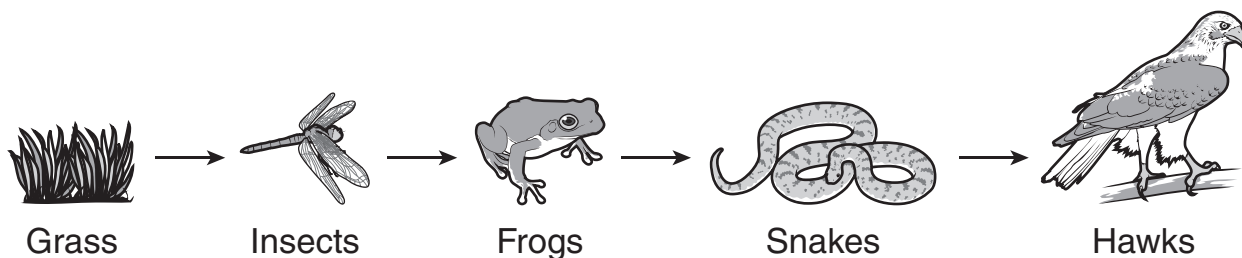
1.0407.TE.2 Recognize the connection between a scientific advance and the development of a new tool or technology.

5 Which of these is the best use for a microscope?

- A** observing animals from a short distance away
- B** studying parts in animal cells
- C** classifying different types of plants

Go On ►

6 The diagram shows a food chain.



Another animal that eats frogs enters this food chain. Besides frogs, which other animal population will also decrease?

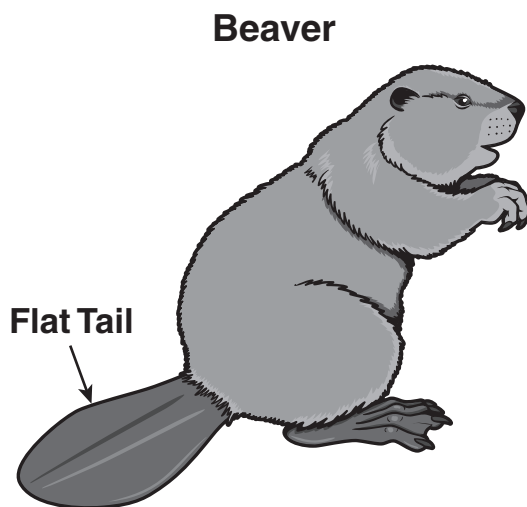
- F** Hawks
- G** Snakes
- H** Insects

7 A snake lives in a desert.

The snake buries itself in sand during the daytime. How does burying itself in sand most likely help the snake survive?

- A** by giving the snake a source of water
- B** by helping the snake find shelter from the sun
- C** by keeping the snake from becoming ill

8 The picture shows a beaver.

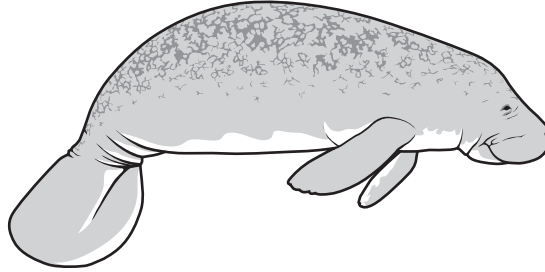


How does having a flat tail best help the beaver?

- F** The beaver's flat tail helps it swim.
- G** The beaver's flat tail helps it stay warm.
- H** The beaver's flat tail helps it climb trees.

- 9** The picture shows a manatee. Manatees are endangered animals.

Manatee



Manatees live in shallow water in bays. Many people also use the areas where manatees live for fun and sports. Which of these is the most likely reason manatees are now endangered?

- A** People play on the beach near the manatees.
- B** People watch manatees from shores.
- C** People drive motorboats that strike the manatees.

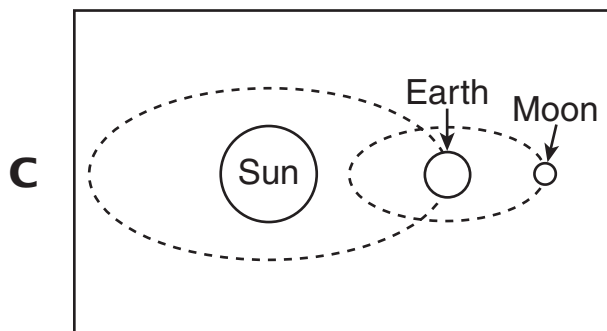
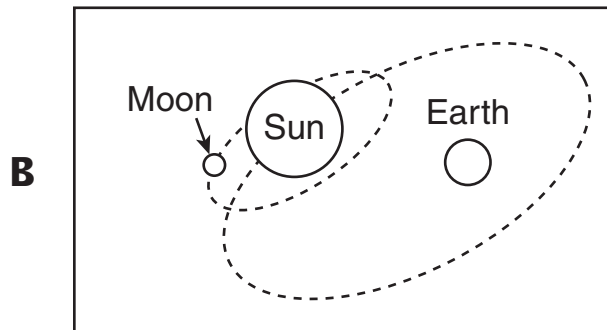
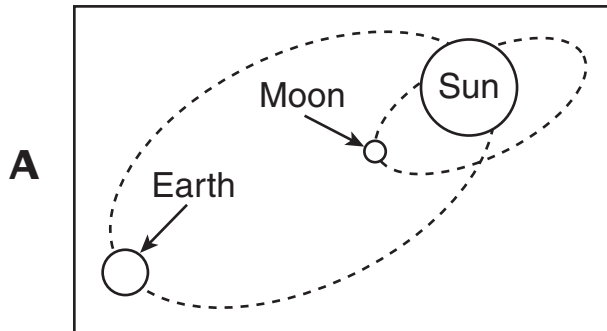
10 The picture shows a full moon.



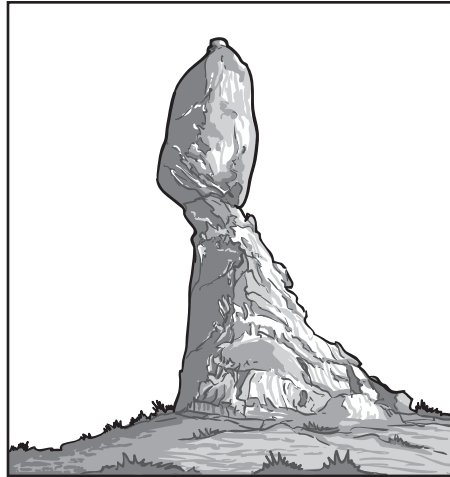
Which two phases appear next?



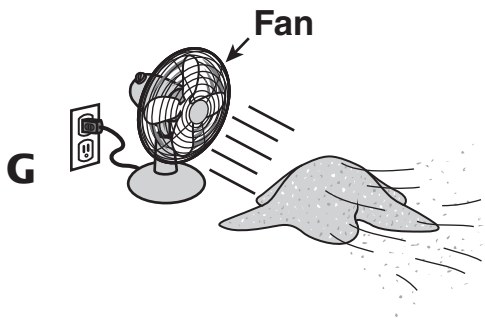
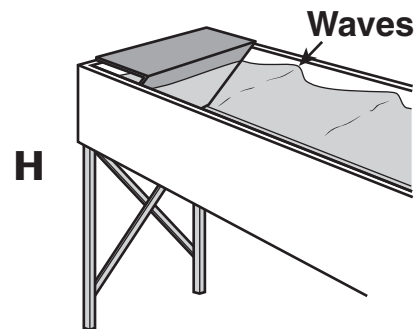
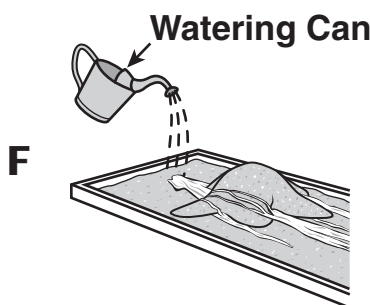
- 11** The diagrams all show the sun, the moon, and Earth. Which diagram correctly represents the orbits that cause the moon to change phases?



12 The picture shows a feature that formed naturally on Earth.



Which model best shows how this feature formed?



Reporting Category:

3 The Universe, The Earth, The Atmosphere

Performance Indicator:

0407.7.2 Analyze how different earth materials are utilized to solve human problems or improve the quality of life.

13 Which Earth material is often used for making coins?

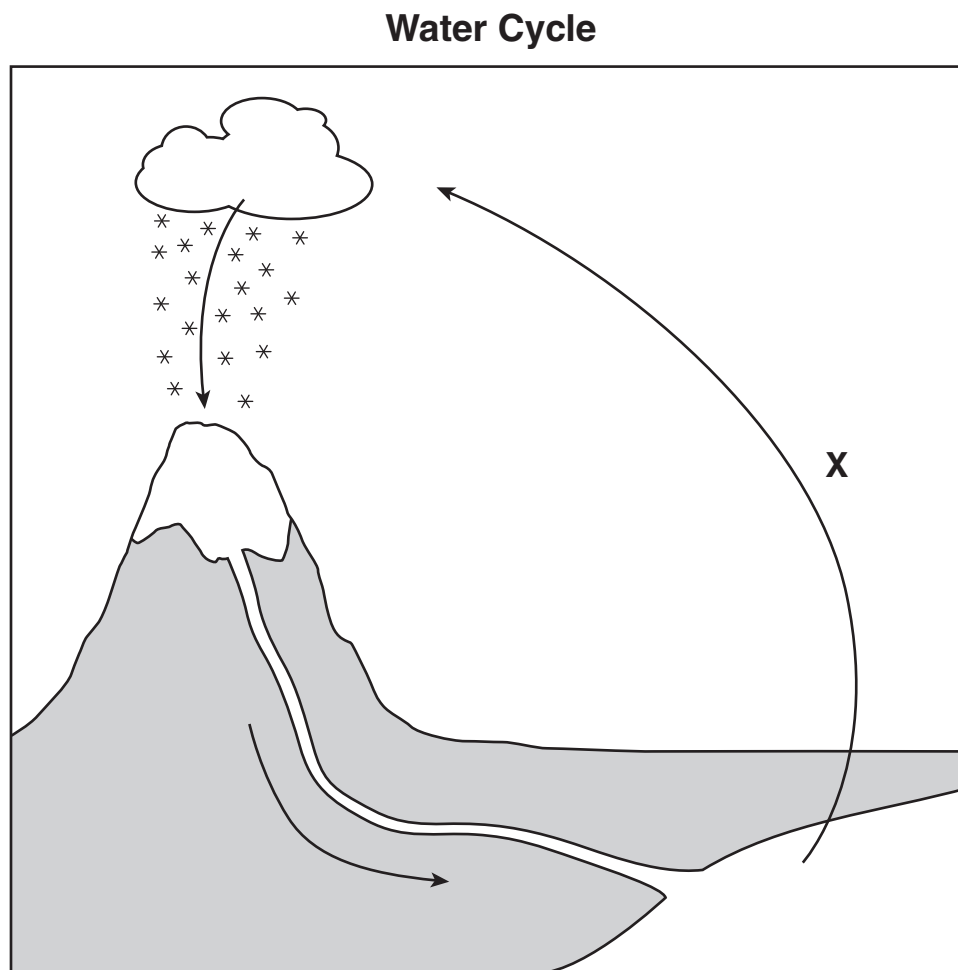
A cotton

B copper

C coal

Go On ►

14 The diagram shows the water cycle.



What is represented by the X?

- F** evaporation
- G** condensation
- H** precipitation

15 A news report states the temperature is 24°C and the wind is blowing at 3 kilometers per hour. Which term best describes this information?

A climate

B weather








C habitat

Go On ►

- 16** Which table gives the most information about the climate of a region?

7-Day Forecast

F

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
						
91	90	90	92	95	95	96
68	69	70	69	67	69	71

January High Temperatures

G

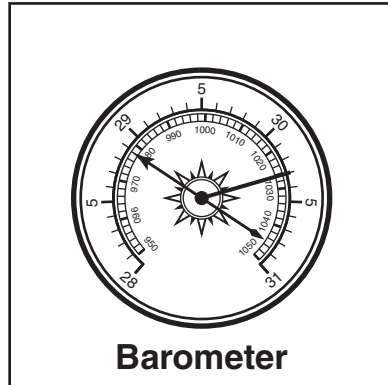
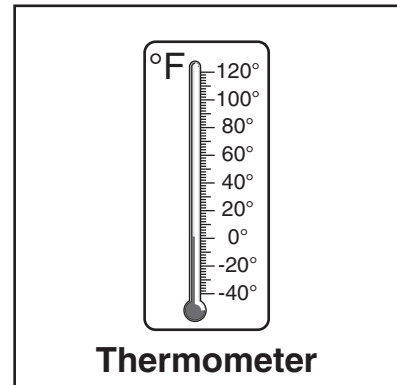
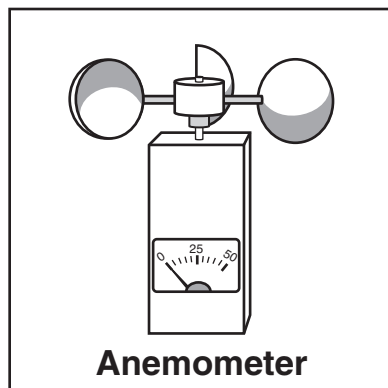
Town	High Temperature (°F)
Bristol	47
Clarksville	38
Johnson City	51
Kingsport	60

Average Temperatures Over Thirty Years

H

Month	High Temperature (°F)	Low Temperature (°F)
January	51	28
April	71	42
July	83	59
October	54	34
December	50	31

- 17** A long time ago, a scientist discovered that air has weight. He learned that the atmosphere puts pressure on Earth's surface. What tool was developed to measure this pressure?

A**C****B**

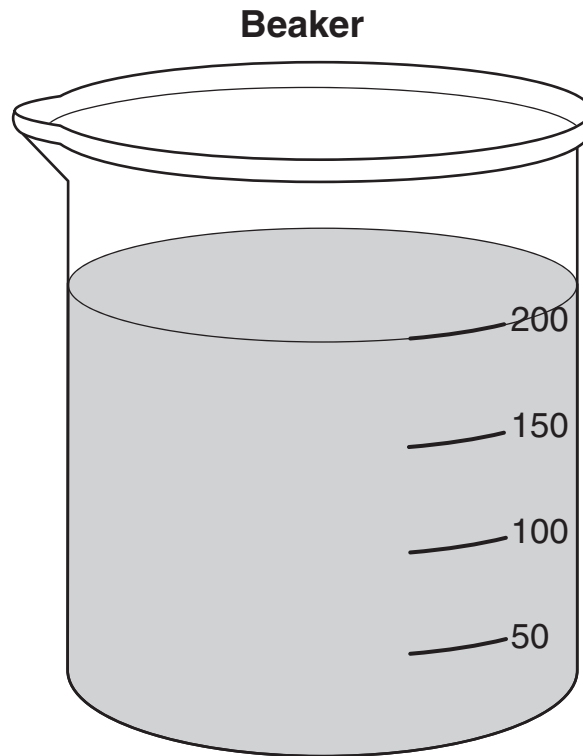
Reporting Category:

4 Matter and Energy

Performance Indicator:

0407.9.1 Choose an appropriate tool for measuring a specific physical property of matter.

18 A student needs to measure 200 milliliters of water.



What property of the water is the student measuring?

F mass

G volume

H temperature

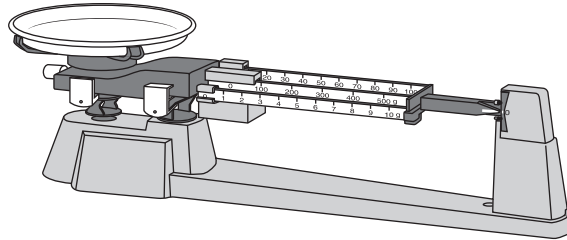
Reporting Category:

4 Matter and Energy

Performance Indicator:

0407.9.1 Choose an appropriate tool for measuring a specific physical property of matter.

19 The picture shows a balance.



What can a balance be used to measure?

- A** the mass of a book
- B** the temperature of a room
- C** the volume of some water

Reporting Category:

4 Matter and Energy

Performance Indicator:

0407.9.2 Determine the mass, volume, and temperature of a substance or object using proper units of measurement.

20 In which units should a student record the mass of a marble?

- F** grams
- G** meters
- H** liters

Go On ►

Reporting Category: 4 Matter and Energy

Performance Indicator: 0407.9.3 Interpret the causes and effects of a physical change in matter.

21 What will most likely happen to ice cream that is left outside on a warm day?

- A** The ice cream will freeze.
- B** The ice cream will melt.
- C** The ice cream will boil.

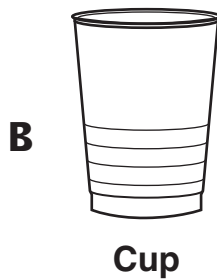
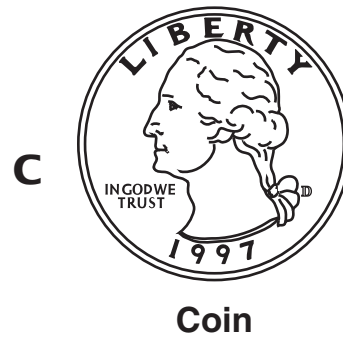
Reporting Category: 4 Matter and Energy

Performance Indicator: 0407.10.1 Identify different forms of energy, such as heat, light, and chemical.

22 Which type of energy is stored in a battery?

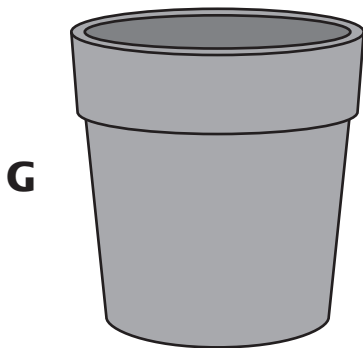
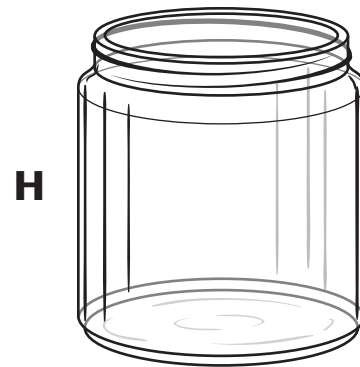
- F** chemical
- G** mechanical
- H** electrical

23 The surface of which object reflects the most light?

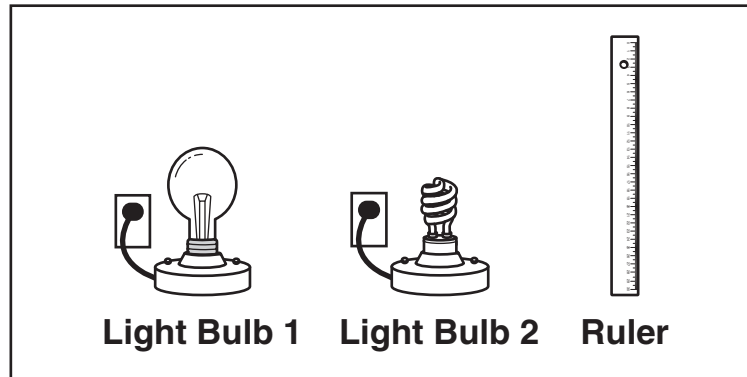
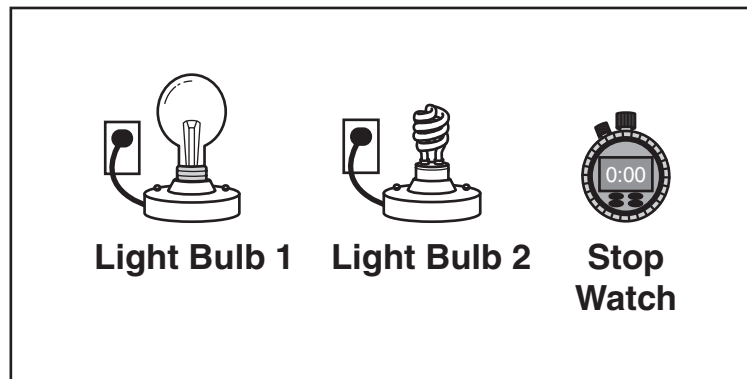
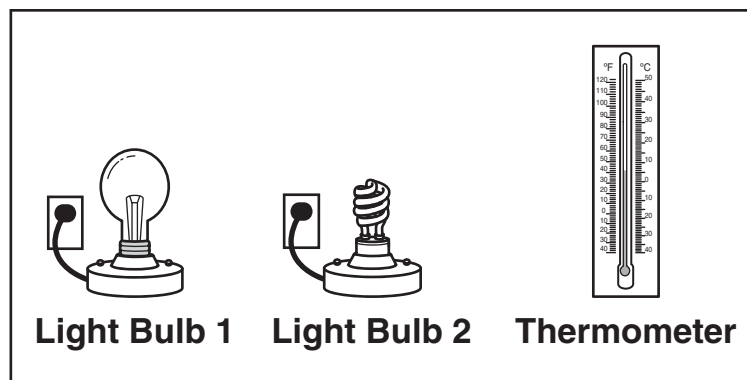


Go On ►

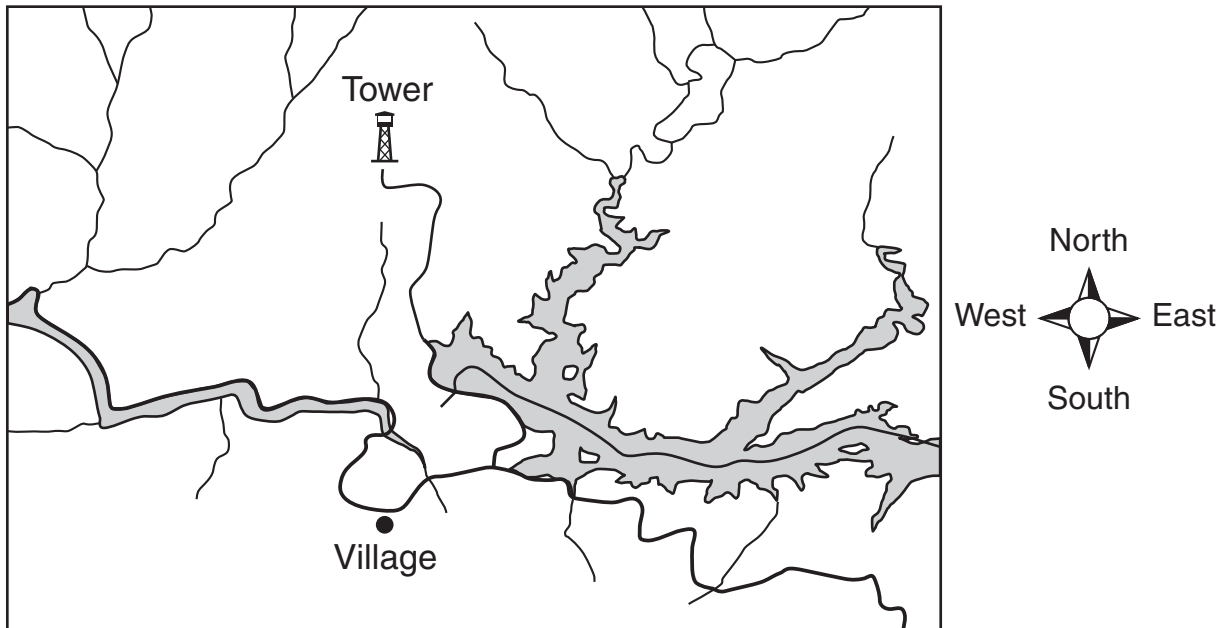
24 Which container is transparent?



- 25** Students have two types of light bulbs. They want to find out which light bulb gives off more heat. Which set of supplies will most likely help the students find out?

A**B****C***Go On ►*

26 Look at the map.



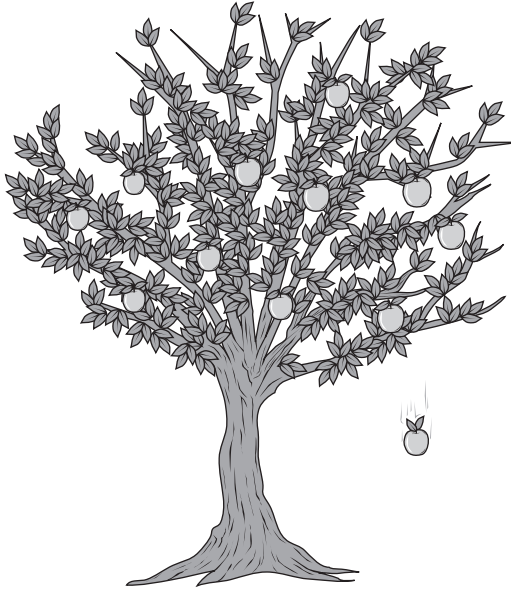
In which direction is the village from the tower?

F north

G south

H east

- 27** The picture shows an orange falling from a tree.



What force causes the orange to fall to the ground?

- A** magnetism
- B** air resistance
- C** gravity

- 28** The table shows how long it took three students to run one mile.

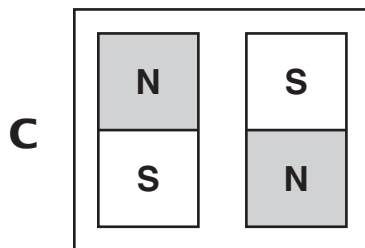
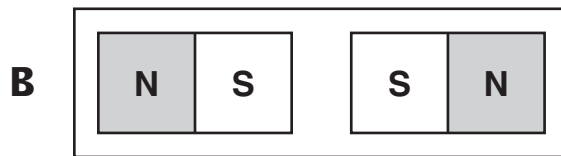
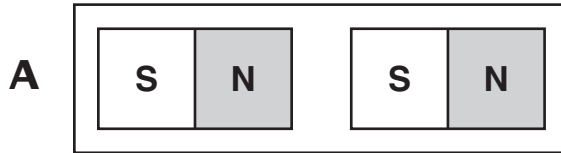
One-Mile Run Times

Student	Time (minutes)
1	15
2	10
3	8

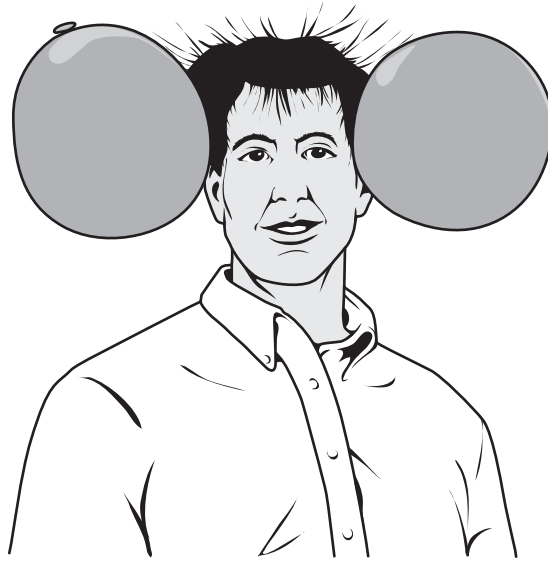
Which student ran the slowest?

- F** Student 1
- G** Student 2
- H** Student 3

- 29** Which pair of magnets is set up in a way that the magnets will repel each other?



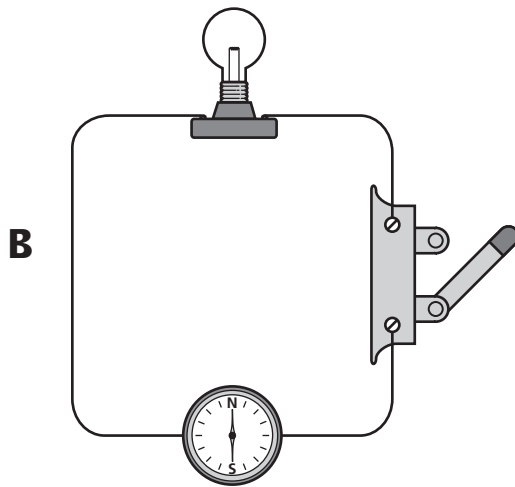
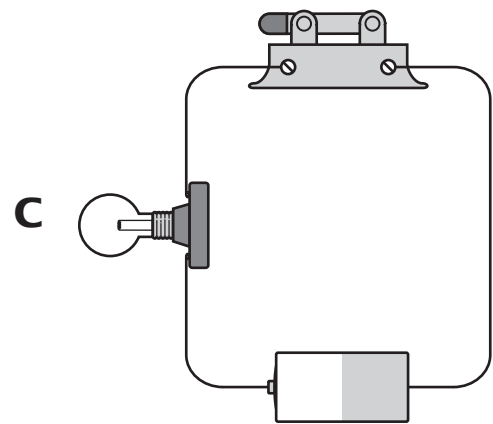
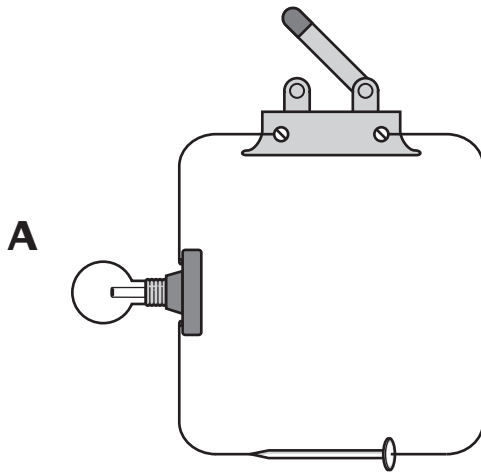
30 Balloons are attracted to a teacher's hair.



What causes the balloons to be attracted to the teacher's hair?

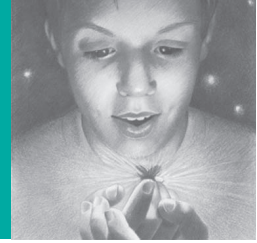
- F** gravity
- G** magnetism
- H** static electricity

31 Which diagram shows a complete and closed circuit?



STOP 

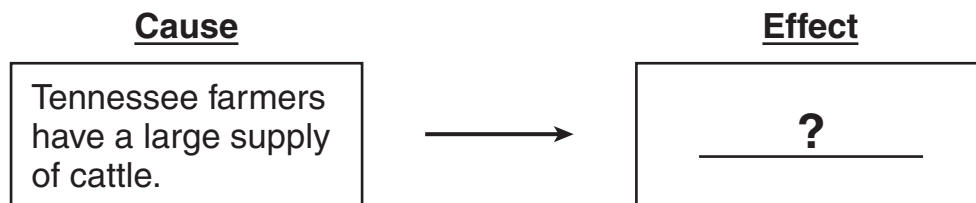
Social Studies



Reporting Category: 1 Economics

Performance Indicator: 4.2.1 Recognize the concept of supply and demand.

1 Study the diagram.



Which effect best completes the diagram?

- A** The price of cattle will go up.
- B** The price of cattle will stay the same.
- C** The price of cattle will go down.

Reporting Category:

1 Economics

Performance Indicator:

4.2.2 Interpret a chart of major agricultural produce in Tennessee (i.e., cotton, tobacco, soy beans, rice, corn, cattle, wheat, swine, sheep).

2 Study the table.

**Tennessee's Income from
Major Products, 2009**

Product	Value (in thousands)
Soybeans	\$564,593
Chickens	\$442,148
Corn	\$251,209

Source: USDA: Economic Research Service

Based on the table, which product was most important to Tennessee's economy?

F Soybeans

G Chickens

H Corn

Go On ►

Reporting Category:

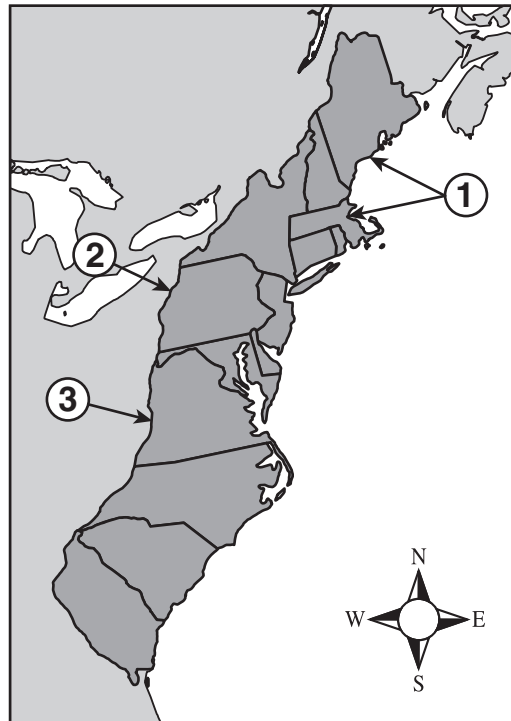
1 Economics

Performance Indicator:

4.2.3 Identify major industries of Colonial America using a map of the original 13 colonies.

3 Study the map.

The Thirteen Colonies



Which number represents the colony where shipbuilding was its major industry?

A 1

B 2

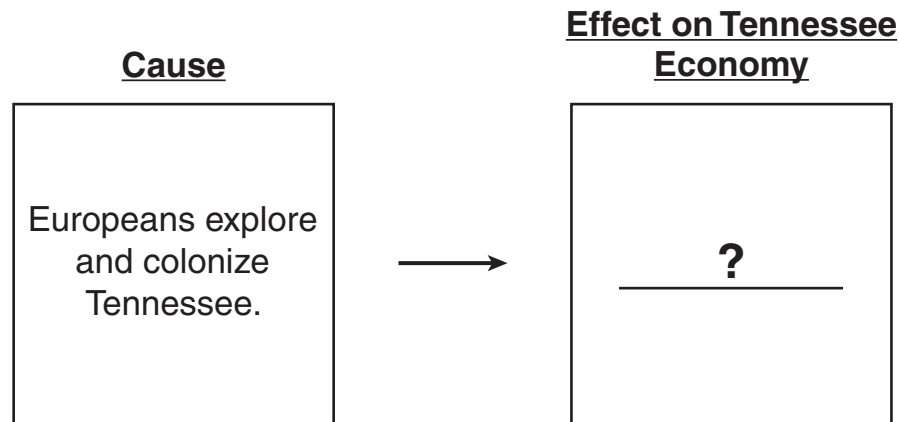
C 3

Reporting Category: 1 Economics

Performance Indicator: 4.2.4 Recognize the difference between a barter system and a money system.

- 4** Which statement is an example of a person using a money system?
- F** John exchanges a banana for two oranges.
 - G** Carla agrees to wash the car if her dad will take her to the park.
 - H** Alexandra's neighbor pays her five dollars for raking his backyard.

Go On ►

5 Study the diagram.

Which effect best completes the diagram?

- A** Less need for African laborers.
- B** More trade with Native Americans.
- C** Less interest in Christian religions.

6 Study the passage.

Changing the federal Constitution to include a Bill of Rights was important . . . Even though some believed . . . that others would never accept the new Constitution until . . . certain rights were included.

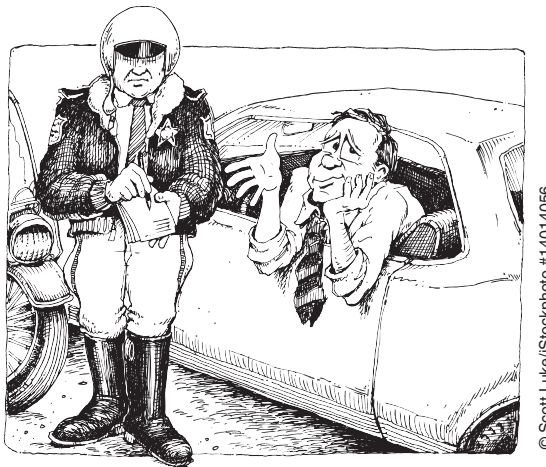
— Library of Congress exhibit

According to the passage, one reason the Bill of Rights was created was to

- F** preserve the rights of national leaders.
- G** list the rights of the president.
- H** protect the rights of citizens.

7 Study the picture.

**Driver Receiving a
Speeding Ticket**



© Scott Luke/Stockphoto #14014056

If the driver believes he is innocent, where would he go to resolve this conflict?

- A** a city council meeting
- B** a local court
- C** a state conference

- 8** Which person was a member of the legislative branch of the federal government?

**Mayor
Frederick Mansfield**

F



Courtesy of Library of Congress
#LC-DIG-hec-23632

**Justice
William Douglas**

H



Courtesy of Library of Congress
#LC-DIG-hec-26502

**Senator
John Dix**

G



Courtesy of Library of Congress
#LC-USZ62-110557

Go On ►

Reporting Category: 2 Governance and Civics

Performance Indicator: 4.4.2 Identify the rights outlined by the Bill of Rights (i.e., Amendments 1, 5, 6, 8).

9 The Eighth Amendment protects citizens who are

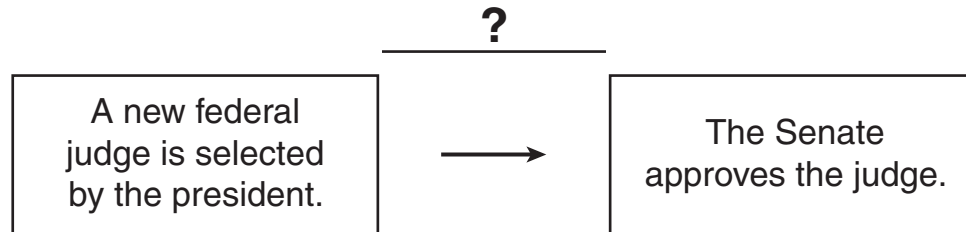
- A** speaking at a local meeting.
- B** asking for a speedy trial.
- C** found guilty of a crime.

Reporting Category: 2 Governance and Civics

Performance Indicator: 4.4.3 Examine how the Mayflower Compact is a symbol of the first United States government.

10 Which document is a symbol of the start of self-government in the American colonies?

- F** the Mayflower Compact
- G** the Articles of Confederation
- H** the Declaration of Independence

11 Study the diagram.

Which title best completes the diagram?

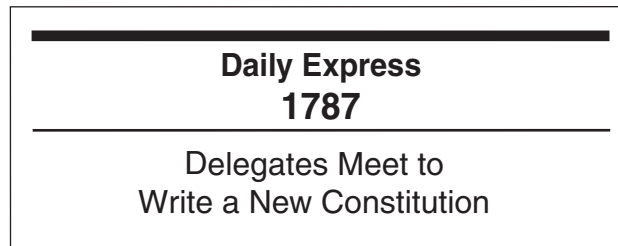
- A** Electing Legislative Representation
- B** Protection of State and Local Laws
- C** Legislative Check on Executive Branch

12 Study the information.

- The Stamp Act put a tax on printed goods.
- The Sugar Act put a tax on sugar.

What was the outcome when these acts were passed by the British Parliament?

- F** The colonists declared independence.
- G** The colonists lowered the prices of local goods.
- H** The colonists began to sell goods to other countries.

13 Study the headline.

These delegates met to solve problems with the

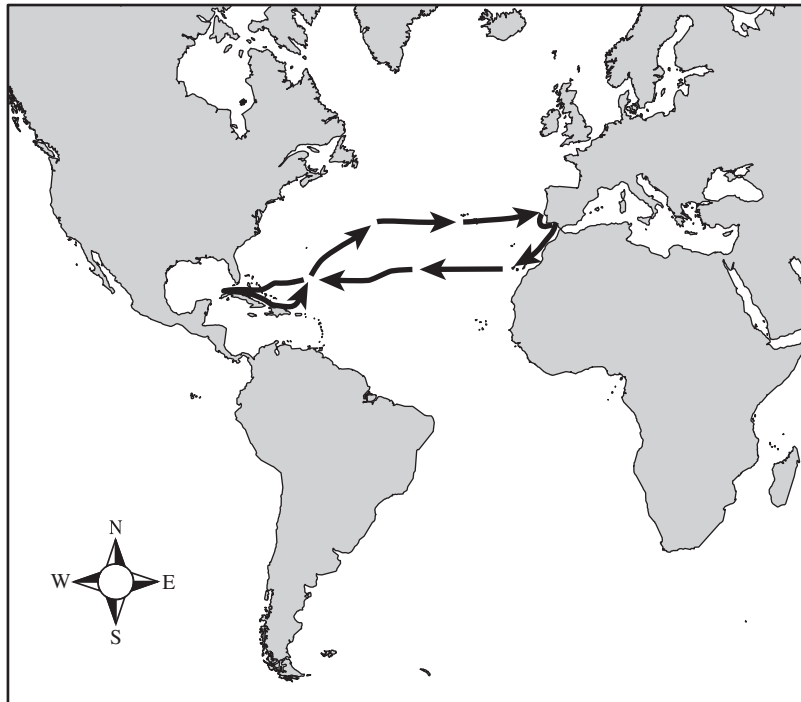
- A** Virginia Plan.
- B** Mayflower Compact.
- C** Articles of Confederation.

Reporting Category: 3 Geography

Performance Indicator: 4.3.1 Identify the routes of the explorers of the Americas on a map (i.e., Columbus, Balboa, Pizarro, DeSoto).

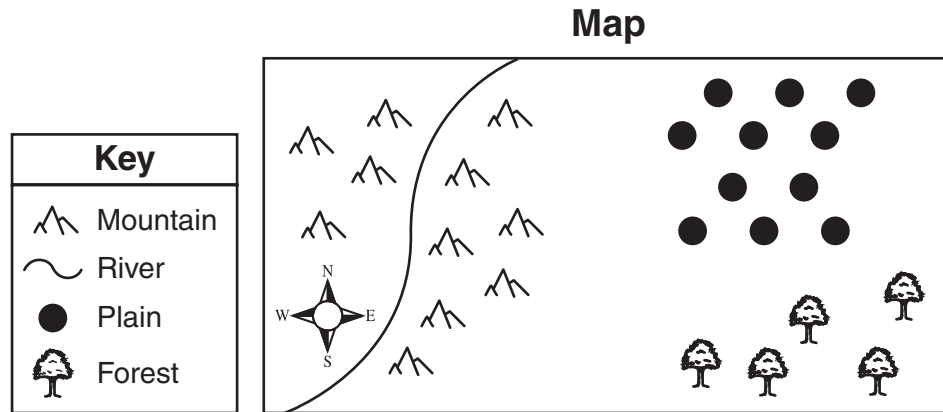
14 Study the map.

Christopher Columbus's Route



Which ocean does this route cross?

- F** Pacific
- G** Atlantic
- H** Indian

15 Study the map.

Which geographical feature is divided by a river?

- A** Mountains
- B** Plains
- C** Forests

Reporting Category: 3 Geography

Performance Indicator: 4.3.3 Recognize the reasons settlements are founded on major river systems (i.e., transportation, manmade boundaries, food, and water sources).

16 Which reason encouraged early European settlers to live near the Tennessee River?

- F** the discovery of gold
- G** protection from the climate
- H** the need for transportation

Reporting Category: 3 Geography

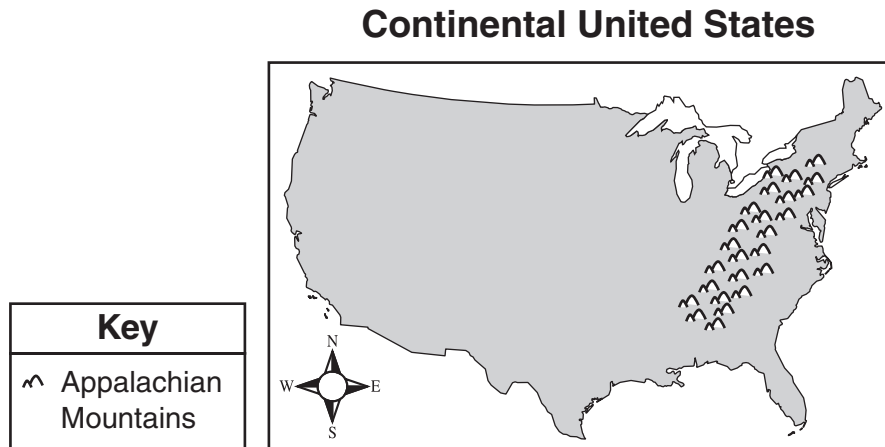
Performance Indicator: 4.3.4 Recognize river systems that impacted early American history (i.e. Mississippi, Mystic, Charles, Hudson).

17 Study the information.

- Used by early settlers to move goods
- Empties into the Gulf of Mexico

Which river system is described?

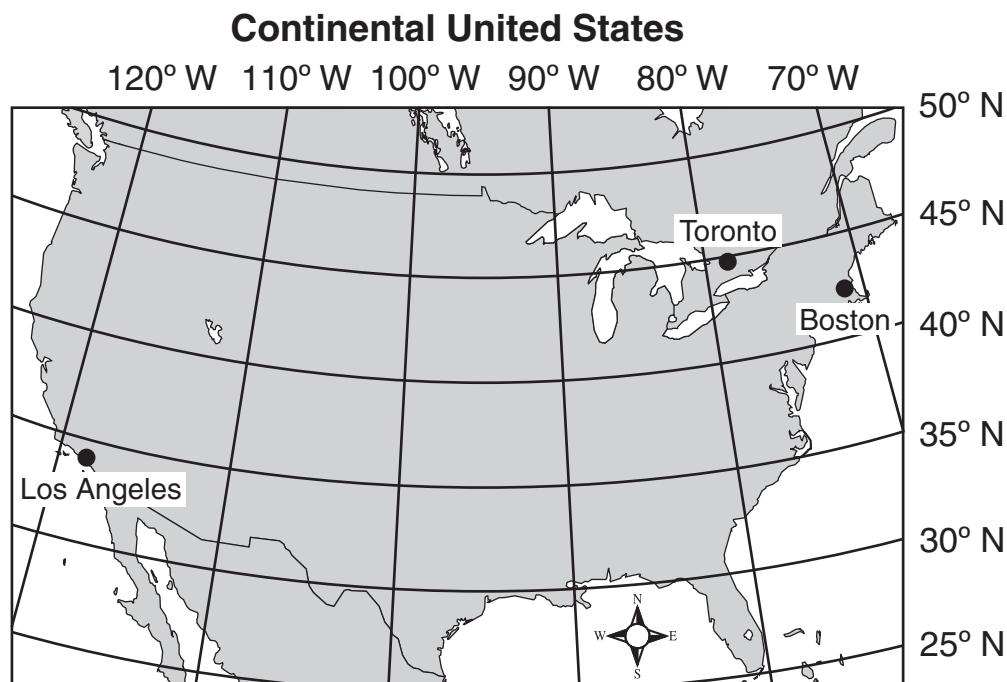
- A** Charles
- B** Hudson
- C** Mississippi

18 Study the map.

What physical process created the mountain range shown on the map?

- F** volcanic eruptions
- G** water erosion
- H** plate tectonics

4.3.6 Use latitude and longitude to identify major North American cities on a map (i.e., Boston, Mexico City, Toronto, Charleston, Savannah, Washington D.C., Philadelphia, Santa Fe, Los Angeles).

19 Study the map.

Which city is located near 45°N and 79°W?

- A** Los Angeles
- B** Toronto
- C** Boston

Reporting Category: 3 Geography

Performance Indicator: 4.3.7 Determine how density, distribution, and growth rate affected United States settlement patterns.

20 Before the Civil War, what most likely helped the growth of cities?

- F** few natural resources
- G** demand for agricultural products
- H** rise in the number of immigrants

Reporting Category: 3 Geography

Performance Indicator: 4.3.8 Identify cause and effect relationships between population distribution and environmental issues (i.e., water supply, air quality, solid waste).

21 In the 1990s, scientists warned of increasing air pollution mainly caused by the

- A** development of nuclear weapons.
- B** use of gasoline-powered cars.
- C** growth of cross-country railroads.

Go On ►

Reporting Category:	4 US History Time Period 1: Eras 1, 2, 3
Performance Indicator:	UH1.4.1.1 Identify pre-Colonial Native American groups (i.e., Cherokee, Creek, Chickasaw, Aztec, Mayans, Olmec, Mississippi Mound Builders).

22 Study the photograph.

Pyramids at Teotihuacán



Which Native American group used the temple shown in this photograph?

- F** Chickasaw
- G** Aztec
- H** Lakota

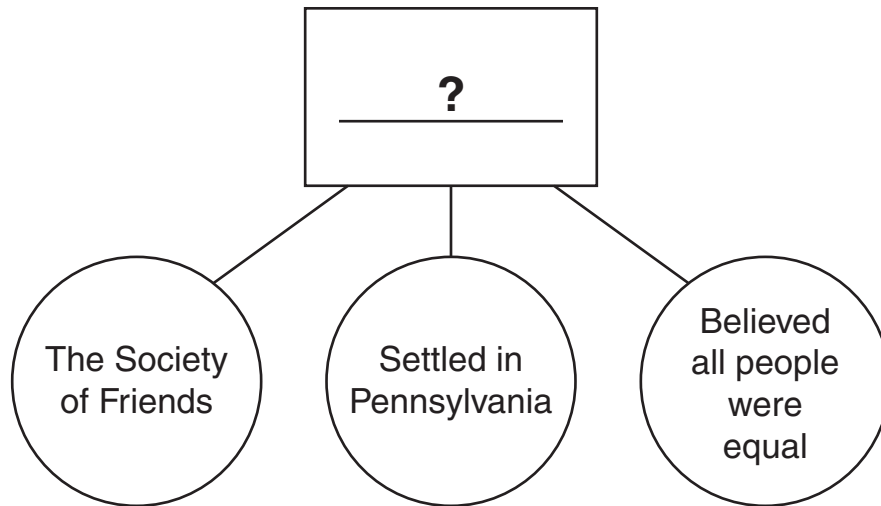
Reporting Category:

4 US History Time Period 1: Eras 1, 2, 3

Performance Indicator:

UH1.4.1.2 Identify cultural groups who inhabited North America in the 17th century (i.e., Puritans, Quakers, Spanish, French).

23 Study the diagram.



Which North American cultural group is described in this diagram?

- A** Puritans
- B** Scots
- C** Quakers

Go On ►

Reporting Category:	4 US History Time Period 1: Eras 1, 2, 3
Performance Indicator:	UH1.4.1.4 Examine how Native American Culture changed as a result of contact with European cultures (i.e., decreased population, spread of disease, increased conflict, loss of territory, increase of trade).

24 How did the lifestyles of Native Americans in the 1700s change because of trade with French settlers?

- F** They became owners of plantations.
- G** They used new weapons.
- H** They were given more land.

Reporting Category:

4 US History Time Period 1: Eras 1, 2, 3

Performance Indicator:

UH1.4.1.5 Identify various racial and ethnic groups in Tennessee at the founding of statehood (i.e., Cherokee, Creek, Shawnee, English, Scottish, French, American-born pioneers).

25 Study the list.

Groups in Tennessee during the 1790s

- Cherokee
- English
- ?

Which group belongs in this list?

- A** Powhatan
- B** Iroquois
- C** Shawnee

Go On ►

26 Study the passage.

No sooner had the exploration gone into camp than many . . . Indians appeared in a friendly manner. . . . Their joy increased when they experienced the kindness with which we treated them. . . .

— Father Francisco Palóu, California, 1776

According to this passage, how did American Indians feel about the Spanish explorers?

F happy

G angry

H curious

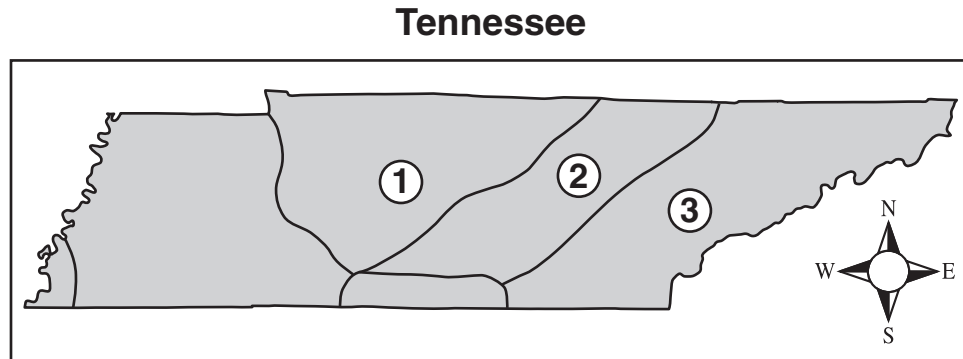
Reporting Category:

4 US History Time Period 1: Eras 1, 2, 3

Performance Indicator:

UH1.4.5.1 Identify Native American groups in Tennessee before European exploration (i.e., Cherokee, Creek, Chickasaw).

27 Study the map.



Which number on the map shows the home of the Cherokee?

- A** 1
- B** 2
- C** 3

Go On ►

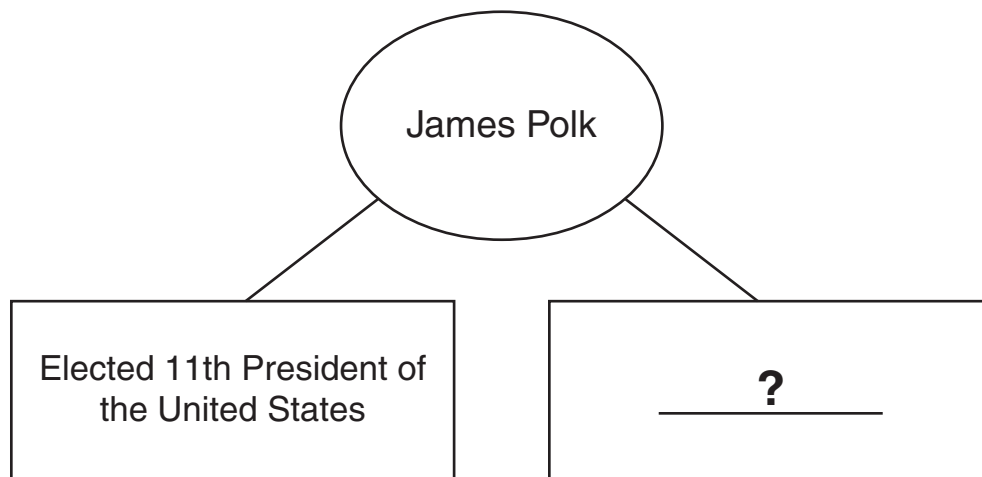
Reporting Category:

4 US History Time Period 1: Eras 1, 2, 3

Performance Indicator:

UH1.4.5.2 Identify major Tennessee political leaders (i.e., Andrew Jackson, Sam Houston, James Polk, Sequoia, David Crockett, Nancy Ward).

28 Study the diagram.



Which action best completes the diagram?

- F** Expanded the size of the United States
- G** Worked to increase immigration to the United States
- H** Removed Native Americans from tribal lands

Reporting Category: 4 US History Time Period 1: Eras 1, 2, 3

Performance Indicator: UH1.4.5.4 Determine the hardships faced by early Tennessee settlers in the late 1700's (i.e., security, isolated communities, lack of access to goods, natural geography).

29 In the late 1700s, what would a settler expect to experience when moving to Tennessee?

- A** many roads
- B** dry deserts
- C** isolated communities

Reporting Category: 4 US History Time Period 1: Eras 1, 2, 3

Performance Indicator: UH1.4.5.5 Determine the reasons for colonial settlement (i.e., religious, economic, individual freedom).

30 What was one reason people left England and settled at Jamestown?

- F** to attend private schools
- G** to seek economic opportunities
- H** to escape drought

Go On ►

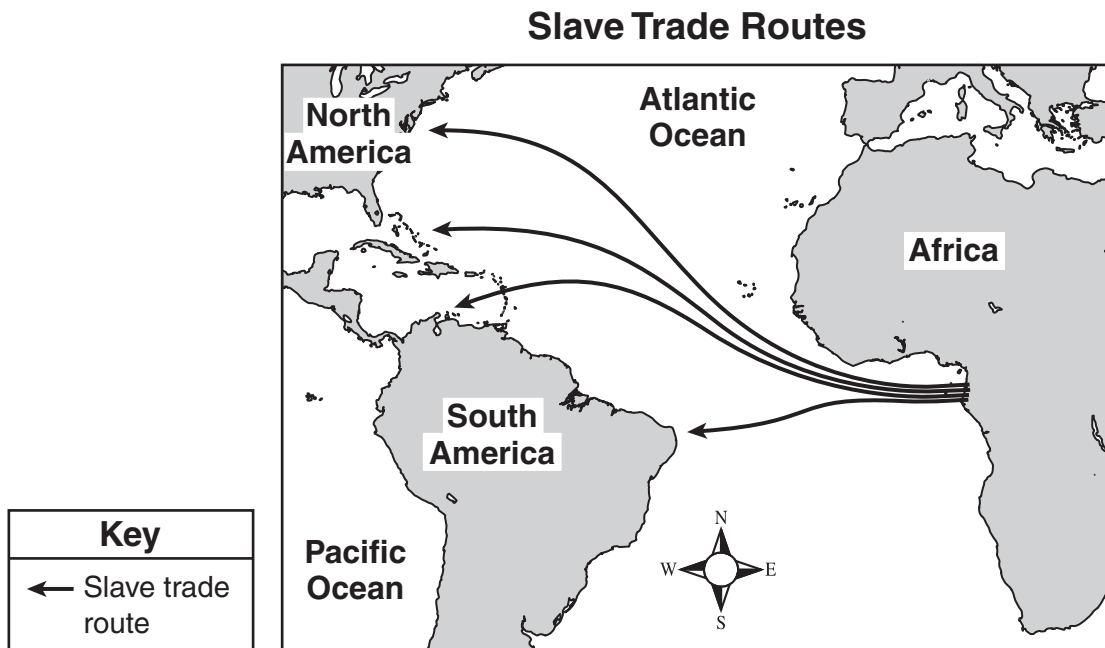
Reporting Category:

4 US History Time Period 1: Eras 1, 2, 3

Performance Indicator:

UH1.4.5.8 Interpret a timeline, graph, or map depicting slave and indentured servants coming from Europe to live in North America.

31 Study the map.



What information is shown on this map?

- A** North America had the most slaves.
- B** Slaves were brought to many locations in the Americas.
- C** Slaves were sent to Africa to farm.

Reporting Category: 4 US History Time Period 1: Eras 1, 2, 3

Performance Indicator: UH1.4.5.10 Recognize the accomplishments that John Sevier contributed to Tennessee history (i.e., State of Franklin's one and only governor, Tennessee's first governor, United States Congressman, soldier).

32 Study the list.

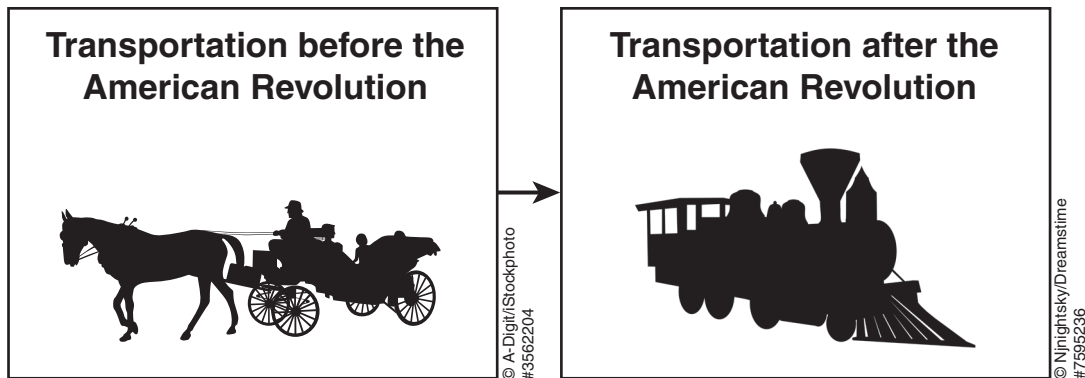
Career of John Sevier

- Explorer of the Nolichucky River
- Governor of Franklin
- ?

Which of these completes the list?

- F** Presidential candidate from Tennessee
- G** U.S. Representative from Tennessee
- H** Tennessee Attorney General

Go On ►

33 Study the pictures.

How did the change shown affect American citizens?

- A** Businesses had less control over travel.
- B** Business owners made less money.
- C** Travel to places took less time.

Reporting Category: 5 US History Time Period 2: Eras 4, 5, 6

Performance Indicator: UH2.4.5.2 Identify major Tennessee political leaders (i.e., Andrew Jackson, Sam Houston, James Polk, Sequoia, David Crockett, Nancy Ward).

34 Which leader became the president of the Republic of Texas?

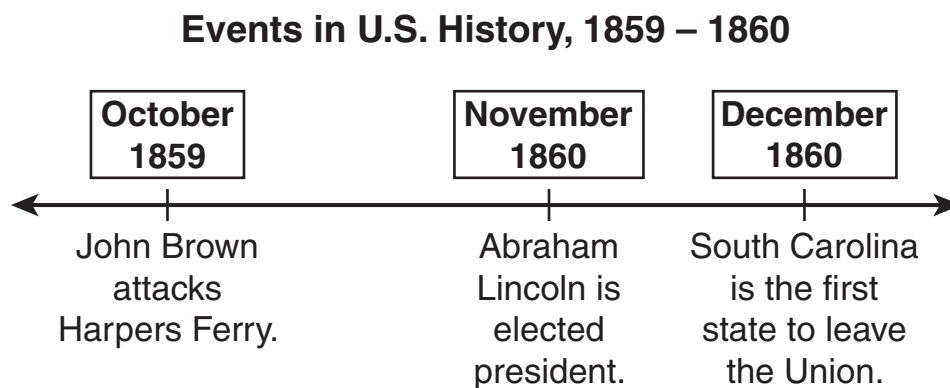
- F** James Polk
- G** Sam Houston
- H** Andrew Jackson

Go On ►

Reporting Category: 5 US History Time Period 2: Eras 4, 5, 6

Performance Indicator: UH2.4.5.3 Interpret a timeline that depicts major historical pre-Civil War events.

35 Study the timeline.



The events shown in the timeline all led to the

- A** start of the Civil War.
- B** establishment of the State of Franklin.
- C** purchase of the Louisiana Territory.

Reporting Category:

5 US History Time Period 2: Eras 4, 5, 6

Performance Indicator:

UH2.4.5.7 Determine why the United States Constitution was necessary (i.e., no single currency, no judicial branch, no enforcement of laws, small and large states having unequal representation).

36 During the Constitutional Convention of 1787, representatives from Virginia and New Jersey introduced plans to solve the problem of

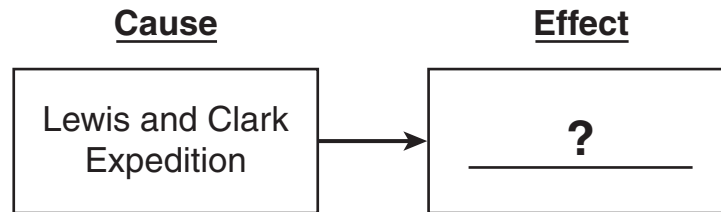
F a president with too much power.

G a weak Supreme Court.

H unequal representation in Congress.

Go On ►

37 Study the diagram.



Which effect best completes the diagram?

- A** Decrease in military spending
- B** Settlements in the West
- C** More Native American lands

38 Study the passage.

The Cherokees are nearly all prisoners. They have been dragged from their houses and [placed] at the forts and military posts, all over the nation [especially in Georgia] . . .

— A missionary's description of the Trail of Tears, June 1838

What happened because of the government's actions?

- F** The state of Georgia closed schools.
- G** Native Americans joined the military.
- H** Native Americans lost their houses.

Reporting Category: 5 US History Time Period 2: Eras 4, 5, 6

Performance Indicator: UH2.4.5.13 Analyze how the Louisiana Purchase influenced the growth of the United States (i.e., increased size, encouraged expansion, increased natural resources).

39 Which effect did the Louisiana Purchase have on the United States?

- A** added land available for settlement
- B** helped keep the country safe
- C** established a northern border

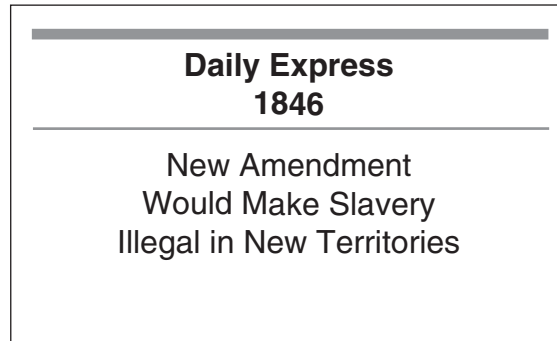
Reporting Category:

5 US History Time Period 2: Eras 4, 5, 6

Performance Indicator:

UH2.4.6.2 Determine how the issue of slavery caused political and economic tensions between government policy and people's beliefs (i.e., abolitionists, plantation owners, states' rights, central government).

40 Study the headline.



Which group would most likely be against the passage of this amendment?

F plantation owners

G former slaves

H abolitionist leaders

STOP 

Reading/Language Arts Answer Key

1	A
2	G
3	B
4	H
5	A
6	G
7	A
8	H
9	C
10	G
11	A
12	F
13	B
14	F
15	C
16	H
17	B
18	F
19	C

20	G
21	B
22	F
23	C
24	H
25	B
26	G
27	A
28	G
29	C
30	F
31	A
32	G
33	C
34	H
35	A
36	H
37	B
38	F

39	B
40	G
41	C
42	H
43	C
44	F
45	B
46	G
47	A
48	G
49	A
50	G
51	C
52	G
53	C
54	G
55	A
56	F
57	C

58	G
59	C
60	G
61	A
62	H
63	B
64	F
65	C
66	F
67	A
68	H
69	B
70	F
71	C
72	F
73	B
74	G

Mathematics

Answer Key

1	A
2	H
3	B
4	H
5	C
6	G
7	C

8	G
9	A
10	F
11	C
12	F
13	A
14	F

15	B
16	G
17	B
18	H
19	B
20	H
21	A

22	H
23	B
24	F
25	A
26	G

Science Answer Key

1	B
2	H
3	A
4	F
5	B
6	G
7	B
8	F

9	C
10	G
11	C
12	G
13	B
14	F
15	B
16	H

17	A
18	G
19	A
20	F
21	B
22	F
23	A
24	H

25	C
26	G
27	C
28	F
29	B
30	H
31	C

Social Studies Answer Key

1	C
2	F
3	A
4	H
5	B
6	H
7	B
8	G
9	C
10	F

11	C
12	F
13	C
14	G
15	A
16	H
17	C
18	H
19	B
20	H

21	B
22	G
23	C
24	G
25	C
26	F
27	C
28	F
29	C
30	G

31	B
32	G
33	C
34	G
35	A
36	H
37	B
38	H
39	A
40	F



Tennessee Comprehensive Assessment Program

Modified Academic Achievement Standards ~ Grade 4

Item Sampler

Version B